



GENERAL CATALOGUE



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More than 30 years experience
from
1979



Production



Inventory



Production

Introduction

RAMCRO S.p.A. was founded 1979 and has gained the reputation of a special cables manufacturer.

Our motto now and then has always been

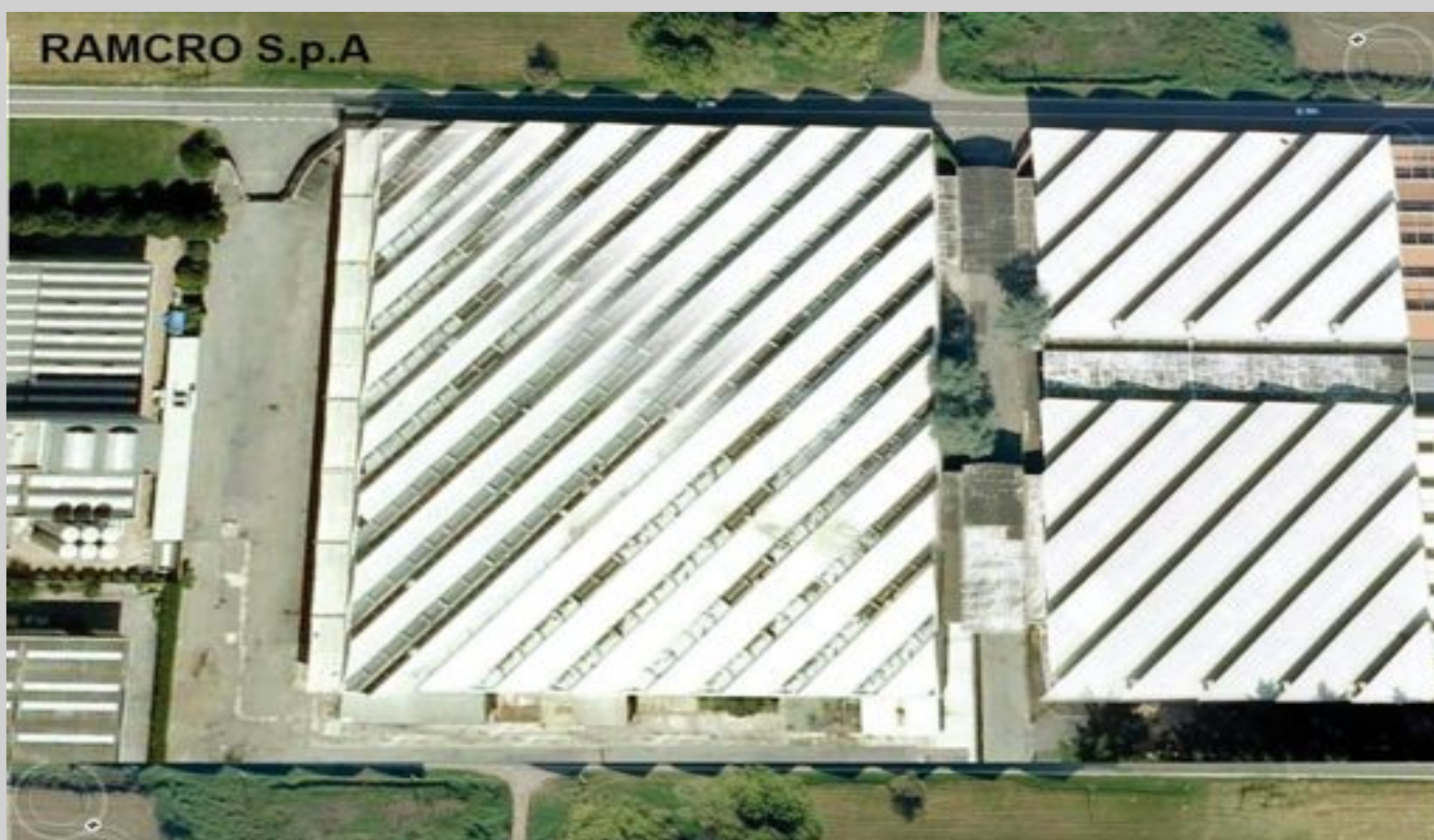
Quality and customer service

Hence we provide

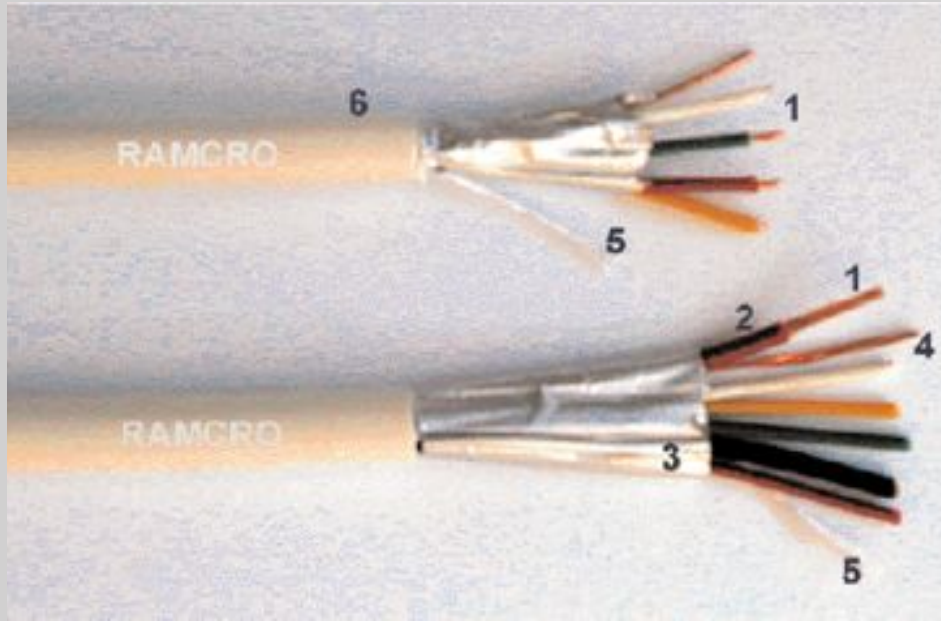
- design of special cables according to customers specifications,
- technical support,
- traceability of the order from receipt to the delivery and
- after sales service.

Our goal is customer satisfaction.

Thus we have developed a large range of special cables.



Flexible and solid cables for alarm systems



Print: "EC RAMCRO CEI 20-22 II ° Flame

Auto Articles expandable structures			
SAS / SSS	No. cond. + Sec.	GCAA	White jacket
SAC / SSC	No. cond. + Sec.	GCAAB	White jacket
SAR / SSR	No. cond. + Sec.	GCAA	White jacket

1	Bare copper conductor, solid or flexible. Section 0.22 mmq flexible, bare or tinned copper. 0.5 mm diameter solid bare copper or coated Solid 0.6 mm diameter bare copper.
2	Insulation: PVC flame retardant acc. A CEI 20-22 II ° and IEC 323-3C, color coded.
3	Display: polyester film / Al coverage > 100%
4	Earth wire bare copper (Flexible to flexible rates and solid solid types).
5	Rip cord
6	Jacket: PVC flame retardant according to IEC 22 22 II ° and IEC 332-3C, white RAL 9010

Technical Data

Rated voltage	30 V	Insulation resistance	$<150 \text{ MOhm} \times \text{km}$ $<130 \text{ Ohm} / \text{km} (0.22 \text{ mmq})$ $<66 \text{ Ohm} / \text{km} (0.50 \text{ mmq})$ $<55 \text{ Ohm} / \text{km} (0.75 \text{ mmq})$ $<142 \text{ Ohm} / \text{km} (\varnothing 0.50 \text{ mm})$ $<72 \text{ Ohm} / \text{km} (\varnothing 0.60 \text{ mm})$
Stress Test	500 V DC at 1 min.	Conductor resistance	
Temperature Range	10 ° C + 80 ° C -	Capacity	
Radiation Resistance	80 Mrad		
Bending radius	12 x Ø		
			Cond. / cond. approx. 130 pF / m

SCREEN bare or tinned mmq 0.22.

Ramcro code	Description	Ø exterior mm
SAS0222GCAAA	2x0,22 mmq	3,3 ± 0,3
SAS0422GCAAA	4x0,22 mmq	3,7 ± 0,3
SAS0522GCAAA	5x0,22 mmq	4,2 ± 0,3
SAS0622GCAAA	6x0,22 mmq	4,4 ± 0,3
SAS0722GCAAA	7x0,22 mmq	4,5 ± 0,3
SAS0822GCAAA	8x0,22 mmq	4,7 ± 0,3
SAS1022GCAAA	10x0,22 mmq	4,9 ± 0,3
SAS1222GCAAA	12x0,22 mmq	5,5 ± 0,3
SAS1422GCAAA	14x0,22 mmq	5,7 ± 0,3
SAS2022GCAAA	20x0,22 mmq	7,2 ± 0,3
SAS3022GCAAA	30x0,22 mmq	8,0 ± 0,3
SAS4022GCAAA	40x0,22 mmq	8,9 ± 0,3
SAC02500222GCAAB	2x0,50 + 2x0,22 mmq	4,2 ± 0,3
SAC02500422GCAAB	2x0,50 + 4x0,22 mmq	4,7 ± 0,3
SAC02500522GCAAB	2x0,50 + 5x0,22 mmq	4,9 ± 0,3
SAC02500622GCAAB	2x0,50 + 6x0,22 mmq	5,0 ± 0,3
SAC02500822GCAAB	2x0,50 + 8x0,22 mmq	5,4 ± 0,3
SAC02501022GCAAB	2x0,50 + 10x0,22 mmq	5,8 ± 0,3
SAC02501222GCAAB	2x0,50 + 12x0,22 mmq	6,4 ± 0,3
SAC02750222GCAAB	2x0,75 + 2x0,22 mmq	4,6 ± 0,3
SAC02750422GCAAB	2x0,75 + 4x0,22 mmq	4,9 ± 0,3
SAC02750622GCAAB	2x0,75 + 6x0,22 mmq	5,6 ± 0,3
SAC02750822GCAAB	2x0,75 + 8x0,22 mmq	5,8 ± 0,3
SAC02751022GCAAB	2x0,75 + 10x0,22 mmq	6,5 ± 0,3
SAC02751222GCAAB	2x0,75 + 12x0,22 mmq	6,7 ± 0,3

WITHOUT SCREEN bare or tinned mmq 0.22.

Ramcro code	Description	Ø exterior mm
SSS0222GCAAA	2x0,22 mmq	3,2 ± 0,3
SSS0422GCAAA	4x0,22 mmq	3,6 ± 0,3
SSS0522GCAAA	5x0,22 mmq	4,1 ± 0,3
SSS0622GCAAA	6x0,22 mmq	4,3 ± 0,3
SSS0722GCAAA	7x0,22 mmq	4,4 ± 0,3
SSS0822GCAAA	8x0,22 mmq	4,6 ± 0,3
SSS1022GCAAA	10x0,22 mmq	4,8 ± 0,3
SSS1222GCAAA	12x0,22 mmq	5,4 ± 0,3
SSS1422GCAAA	14x0,22 mmq	5,6 ± 0,3
SSS2022GCAAA	20x0,22 mmq	7,1 ± 0,3
SSS3022GCAAA	30x0,22 mmq	7,9 ± 0,3
SSS4022GCAAA	40x0,22 mmq	8,8 ± 0,3
SSC02500222GCAAB	2x0,50 + 2x0,22 mmq	4,1 ± 0,3
SSC02500422GCAAB	2x0,50 + 4x0,22 mmq	4,6 ± 0,3
SSC02500522GCAAB	2x0,50 + 5x0,22 mmq	4,8 ± 0,3
SSC02500622GCAAB	2x0,50 + 6x0,22 mmq	4,9 ± 0,3
SSC02500822GCAAB	2x0,50 + 8x0,22 mmq	5,3 ± 0,3
SSC02501022GCAAB	2x0,50 + 10x0,22 mmq	5,7 ± 0,3
SSC02501222GCAAB	2x0,50 + 12x0,22 mmq	6,3 ± 0,3
SSC02750222GCAAB	2x0,75 + 2x0,22 mmq	4,5 ± 0,3
SSC02750422GCAAB	2x0,75 + 4x0,22 mmq	4,8 ± 0,3
SSC02750622GCAAB	2x0,75 + 6x0,22 mmq	5,5 ± 0,3
SSC02750822GCAAB	2x0,75 + 8x0,22 mmq	5,7 ± 0,3
SSC02751022GCAAB	2x0,75 + 10x0,22 mmq	6,4 ± 0,3
SSC02751222GCAAB	2x0,75 + 12x0,22 mmq	6,6 ± 0,3

Flexible and solid cables for alarm systems

SHIELDED Ø 0,50 mm BARE OR TINNED COPPER Con pantalla ø0.50 MM cobre desnudo o estañado.		
Ramcro Code	Description	Outer Ø mm
Ramcro code	Description	Ø exterior mm
SAR0205GCAAA	2x0,5 mm	3,3 ± 0,3
SAR0405GCAAA	4x0,5 mm	3,7 ± 0,3
SAR0605GCAAA	6x0,5 mm	4,4 ± 0,3
SAR0805GCAAA	8x0,5 mm	4,7 ± 0,3
SAR1005GCAAA	10x0,5 mm	4,9 ± 0,3
SAR1205GCAAA	12x0,5 mm	5,5 ± 0,3
SAR1605GCAAA	16x0,5 mm	5,7 ± 0,3
SAR2405GCAAA	24x0,5 mm	7,2 ± 0,30

SHIELDED Ø 0,60 mm BARE OR TINNED COPPER Con pantalla ø0.60 MM cobre desnudo o estañado.		
Ramcro Code	Description	Outer Ø mm
Ramcro code	Description	Ø exterior mm
SAR0406GCAAA	4x0,6 mm	3,7 ± 0,3
SAR0606GCAAA	6x0,6 mm	4,4 ± 0,3
SAR0806GCAAA	8x0,6 mm	4,7 ± 0,3
SAR1006GCAAA	10x0,6 mm	4,9 ± 0,3
SAR1206GCAAA	12x0,6 mm	5,5 ± 0,3
SAR1406GCAAA	14x0,6 mm	5,7 ± 0,3
SAR2006GCAAA	20x0,6 mm	7,2 ± 0,3
SAR3006GCAAA	30x0,6 mm	8,0 ± 0,3



Color Codes for Flexible Cables

0,22mmq; 0,5mm; 0,6 mm						
0.50 mmq	1 white	6 orange	Blue 11	16 White / Blue	21 white / blue	26 red / yellow
0.75 mmq	2 red	7 blue	12 Pink	17 white / gray	22 white / pink	27 red / blue
	3 yellow	8 brown	13 White / Brown	18 white / yellow	23 white / orange	28 red / green
	4 green	9 purple	14 White / Purple	19 white / black	24 red / gray	29 red / orange
red, black	5 gray	10 black	15 white / green	20 white / red	25 red / brown	30 Red / Blue

UNSHIELDED 0,20 mmq TINNED COPPER Sin pantalla 0.20 MMQ cobre estañado.		
Ramcro code	Description	Ø exterior mm
SSS0222GCAAX-ULTRA	2x0,20 mmq	3,0 ± 02
SSS0422GCAAX-ULTRA	4x0,20 mmq	3,2 ± 02
SSS0622GCAAX-ULTRA	6x0,20 mmq	4,0 ± 02
SSS0822GCAAX-ULTRA	8x0,20 mmq	4,2 ± 02
SSS1222GCAAX-ULTRA	12x0,20 mmq	5,2 ± 02

UNSHIELDED 0,20 mmq TINNED COPPER Con pantalla 0.20 MMQ cobre estañado.		
Ramcro code	Description	Ø exterior mm
SAS0222GAAX-ULTRA	2x0,20 mmq	3,5 ± 02
SAS0422GAAX-ULTRA	4x0,20 mmq	3,5 ± 02
SAS0622GAAX-ULTRA	6x0,20 mmq	4,6 ± 02
SAS0822GAAX-ULTRA	8x0,20 mmq	5,1 ± 02
SAS1222GAAX-ULTRA	12x0,20 mmq	6,1 ± 02



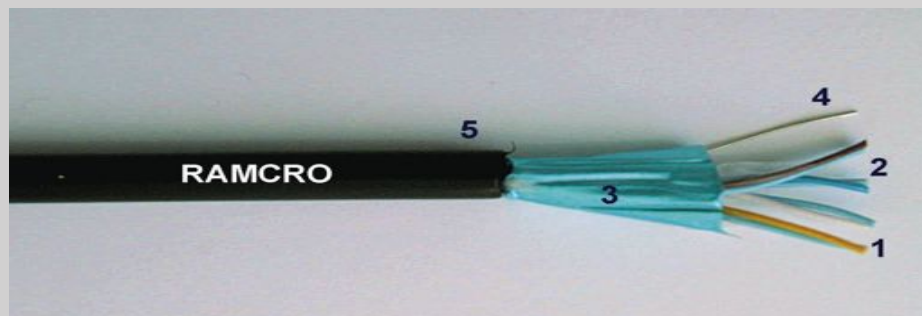
Telephone cables for indoor and outdoor use

TESA



Printing: "N° of pairs - TESA RAMCRO CE <year of production>"

TEHPET/POLY-POLY



Structure self-explaining article		
TESS	No. Pairs + sec.	Grey Jacket
TESA	No. Pairs + sec.	Grey Jacket
TEHPET	No. Pairs + sec.	Black Jacket

1	Solid bare copper conductor 0.6 mm
2	Insulation: PVC flame retardant IEC 60332 Display: polyester foil AL /, coverage> 100% for TESA Threads solid tinned copper drain cables.
3	Jacket: PVC flame retardant IEC 60332, Grey RAL 7001 or RAL 9010 ivory

1	Solid bare copper conductor
2	Insulation: Polyethylene.
3	Screen: Polyester tape AL / overlay.
4	Solid tinned copper ground cable
5	Jacket: Polyethylene, black RAL 9005

Technical Data.			
Rated voltage	150 V	Insulation resistance	PVC> 200 MOhm x km PE> 5 GOhm x Km
Stress Test	2000 V	Conductor resistance	<70 Ohm / km
Temperature Range	10 ° C + 80 ° C	Attenuation	<1.5 db / km (bei 1 kHz)
Radiation Resistance.	80 Mrad	Capacitance	Cond. PVC / cond. approx. 110 pF / m
Bending radius	12 x Ø	Capacity	PE Cond. / cond. approx. 50 pF / m

INTERIOR TELEPHONE CABLE WITH OR WITHOUT DISPLAY

Ramcro code	Description	Ø exterior mm
TESS1 / TESA1	1x2x0,6 mmq	3,5± 0,2
TESS2 / TESA2	2x2x0,6 mmq	4,6± 0,2
TESS3 / TESA3	3x2x0,6 mmq	5,1± 0,2
TESS4 / TESA4	4x2x0,6 mmq	5,9± 0,2
TESS5 / TESA5	5x2x0,6 mmq	6,3± 0,2
TESS6 / TESA6	6x2x0,6 mmq	6,7± 0,2
TESS8 / TESA8	8x2x0,6 mmq	7,3± 0,2
TESS10 / TESA10	10x2x0,6 mmq	8,0± 0,2
TESS15 / TESA15	15x2x0,6 mmq	9,0± 0,2
TESS20 / TESA20	20x2x0,6 mmq	10,1± 0,2
TESS30 / TESA30	30x2x0,6 mmq	12,5± 0,2

EXTERNAL TELEPHONE CABLE WITH SCREEN

Ramcro code	Description	Ø exterior mm
TEHPET02	2x2x0,6 mm	4,8± 0,2
TEHPET04	4x2x0,6 mm	6,1± 0,2
TEHPET06	6x2x0,6 mm	7,0± 0,2
TEHPET10	10x2x0,6 mm	8,3± 0,2
TEHPET20	20x2x0,6 mm	12,0± 0,2
TEHPET30	30x2x0,6 mm	14,5± 0,2

Telephone cables for indoor and outdoor use

SYT+1



1	Solid bare copper conductor 0.6 mm 0.5 mm for SYT +1 (AWG 24), 0.8 mm for SYT +1 (AWG 20)
2	Exposure: Polyethylene
3	Screen: Polyester tape AL / overlay.
4	Tinned copper drain wire for solid

Technical Data

Rated voltage	150 V	Insulation resistance	> 5 GOhm x km
Stress Test	2000 V	Conductor resistance 1 MHz	<142 Ohm / km (Ø 0.50 mm) <62 Ohm / km (Ø 0.80 mm)
Temperature Range	- 20 ° C + 80 ° C	Impedance characteristics	100 Ohm ± 20%
Bending radius	8 x Ø	Capacity	Cond. / cond. environ 50 pF / m

SYT+1

CABLE TEL. A NF(AWG24)

Ramcro code	Description	Ø exterior mm
SYT+1 1PO5	1x2x0,5 (AWG 24)	3,8 ± 0,2
SYT+1 2PO5	2x2x0,5 (AWG 24)	5,1 ± 0,2
SYT+1 3PO5	3x2x0,5 (AWG 24)	5,8 ± 0,2
SYT+1 5PO5	5x2x0,5 (AWG 24)	7,5 ± 0,2
SYT+1 10PO5	10x2x0,5 (AWG 24)	9,1 ± 0,2
SYT+1 15PO5	15x2x0,5 (AWG 24)	10,5 ± 0,2
SYT+1 30PO5	30x2x0,5 (AWG 24)	14,3 ± 0,2
SYT+1 56PO5	56x2x0,5 (AWG 24)	19,0 ± 0,2
SYT+1 112PO5	112x2x0,5 (AWG 24)	25,4 ± 0,2

CABLE TEL. A NF(AWG20)

Ramcro code	Description	Ø exterior mm
SYT+1 1PO8	1x2x0,8 (AWG 20)	4,8 ± 0,2
SYT+1 2PO8	2x2x0,8 (AWG 20)	6,3 ± 0,2
SYT+1 3PO8	3x2x0,8 (AWG 20)	8,2 ± 0,2
SYT+1 5PO8	5x2x0,8 (AWG 20)	9,2 ± 0,2
SYT+1 10PO8	10x2x0,8 (AWG 20)	12,4 ± 0,2
SYT+1 15PO8	15x2x0,8 (AWG 20)	14,3 ± 0,2
SYT+1 30PO8	30x2x0,8 (AWG 20)	19,3 ± 0,2
SYT+1 56PO8	56x2x0,8 (AWG 20)	25,2 ± 0,2
SYT+1 112PO8	112x2x0,8 (AWG 20)	34,0 ± 0,2

CABLE TEL. SHIELDED AGW24

Ramcro code	Description	Ø exterior mm
SYT2 2PO5	2x2x0,5 (AWG 24)	8,3 ± 0,2
SYT2 3PO5	3x2x0,5 (AWG 24)	9,0 ± 0,2
SYT2 5PO5	5x2x0,5 (AWG 24)	10,7 ± 0,2
SYT2 10PO5	10x2x0,5 (AWG 24)	12,3 ± 0,2
SYT2 15PO5	15x2x0,5 (AWG 24)	13,7 ± 0,2
SYT2 30PO5	30x2x0,5 (AWG 24)	17,9 ± 0,2

CABLE TEL. SHIELDED AGW20

Ramcro code	Description	Ø exterior mm
SYT2 2PO8	2x2x0,8 (AWG 20)	9.5 ± 0,2
SYT2 3PO8	3x2x0,8 (AWG 20)	11.4 ± 0,2
SYT2 5PO8	5x2x0,8 (AWG 20)	12.4 ± 0,2
SYT2 10PO8	10x2x0,8 (AWG 20)	15.6 ± 0,2
SYT2 15PO8	15x2x0,8 (AWG 20)	17,9 ± 0,2
SYT2 30PO8	30x2x0,8 (AWG 20)	22,9 ± 0,2

RED FIRE ALARM

Ramcro code	Description	Ø exterior mm
SYT+1 1PO8R	1x2x0,8 (AWG 20)	4,8 ± 0,2
SYT+1 2PO8R	2x2x0,8 (AWG 20)	6,3 ± 0,2
SYT+1 3PO8R	3x2x0,8 (AWG 20)	8,2 ± 0,2
SYT+1 1PO8R	1x2x0,8 (AWG 20)	4,7 ± 0,2

PTT 298 / PTT 299

PTT PHONE CABLE 298-299

Ramcro code	Description	Ø exterior mm
PTT298 Grade A	4X2X0,5	5,5 ± 0,2
PTT299 Grade A	4X2X0,5	5,6 ± 0,2

Application

TESS, TESA and SYT +1 Telephone cables for indoor use are used by public and civil buildings as well as industrial facilities. HST-PET types are suitable for outdoor use, where high weather resistance are required, as well as for facilities that are buried directly in soil.

Standards

CEI 20-22 II	IEC 332-1	CENELEC HD 21
CEI 20-25	IEC 332-3	NF C 93-529
CEI 20-37	IEC 754-1	NF C 32-061
CEI 46.5	IEC 189-2	NF C 32-070 (C2)

Packing

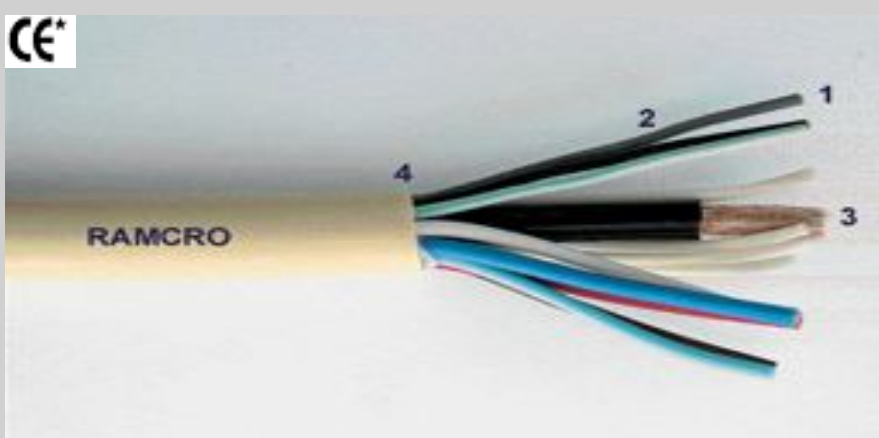
500m and 1000m drums or reels of 100m each.

Cables for video surveillance system



Self-explanatory Item code			
VCM	No. cond. + Sec + Coaxial cable	HAAAX	Jacket Color
VCRX	N. cond. + Sec. Câble coaxial		Jacket Color

1	Solid bare copper conductor or flexible
2	Insulation: PVC flame retardant according CEI20-22II and IEC332-3C
3	75Ohm coax cable for video signal transmission
4	Jacket: Flame Retardant PVC CEI 20-22 II according to IEC 332-3C and. Grey RAL 7001 or RAL 9010 ivory



Print: "EC RAMCRO <year of prod\ year of production> ANTIFIAMMA CEI 20-22 II"

Ramcro code	Coaxial Cable Type	No. Cond. by section	Jacket Color	Ø exterior mm
VCRX0275MICROB	RG 59 MICRO - Diam.4,0 mm	2x0,75 sqmm	Marfil	9,2 ± 0,4
VCRX0275	RG 59 B/U MIL -C-17F - Diam.6,2 mm	2x0,75 sqmm	Marfil	11,0 ± 0,4
VCM02350250HBAAX - VCRX42	RG 59 MICRO Diam.4,0 mm	2x0,35 sqmm + 2x0,50 sqmm	Gris	8,2 ± 0,4
VCM02350215HBAAX - VCRX46	RG 59 B/U MIL -C-17F - Diam.6,2 mm	2x0,35 sqmm + 2x0,50 sqmm	Gris	11,0 ± 0,4
VCM4350215HBAAX - VCRX66	RG 59 B/U MIL -C-17F - Diam.6,2 mm	4x0,35 sqmm + 2x2,50 sqmm	Negro	12,0 ± 0,4
VCRX0150MICROB-GSC	MiniCOAX no Jacket - Diam 1,9 mm	1x0,50 sqmm	Marfil	5,0 ± 0,4
VCRX0275MICRO175	RG175 - Diam 2,8 mm	2X0,75 sqmm	Marfil	7,0 ± 0,4
VCRX0275SHOTGUN	RG 59 B/U MIL -C-17F - Diam.6,2 mm	2x0,75 sqmm	Gris	14,0 x 7,0

Ramcro code	No. Cond. by section	No. Cond. by section	Jacket Color	Ø exterior mm
FLC02150250HIAAX	2 x 1.50 sqmm	2x0.50 sqmm	Verde	8,0 ± 0,4
VADKX100ZH0310	KX100	3x1,0 sqmm + 2x0,22 sqmm	Verde	16,0 x 7,0
VADKX100ZH0315	KX100	3x1,5 sqmm + 2x0,22 sqmm	Verde	16,0 x 7,0
VCRX0210KX100	KX100	2x1,00 sqmm	Verde	10,0
VCRX0215KX100	KX100	2x1,50 sqmm	Verde	11,0

Cables for video surveillance system

Technical Data.

Rated voltage	450/750 V	Insulation resistance	> 150 MOhm x km
Stress Test	3500 V	Conductor resistance	<90 Ohm / km (0.25 mmq) <60 Ohm / km (0.35 mmq) <42 Ohm / km (0.50 mmq) <30 Ohm / km (0.75 mmq) <25 Ohm / km (1.00 mmq)
Temperature Range	- 10 ° C + 80 ° C		
Radiation Resistance.	80 Mrad		
Bending radius	12 x Ø	Capacity	cond. environ 130 pF / m

Application.

Composite cables for audio surveillance systems / video intercom and cables for fixed installations and public civilian buildings.

Standards.

CEI 20-22 II	CEI 20-11	NF C 32-070
CEI 20-35	IEC 60332-1	IEC 60754-1
CEI 20-37 I	IEC 60332-3	

Color Code

See Table page 8.

Packing.

1000m drums and coils 100 each.

Shielded electronics control cables LiYCY, laid up in layers or by pairs



Structure of self-explanatory articles.			
STS	No. cond. + Sec	HBAAC (LiYCY-DIN)	Gray jacket RAL 7001
STS	No. cond. + Sec	HBAAD / E (LiYCY-OZ) (LiYCY-JZ)	Gray jacket RAL 7001
MSS	No. cond. + Sec	HBAAC (LiYCY-DIN)	Gray jacket RAL 7001

1	Flexible bare copper conductor according VDE 0295 class 5 (except: 0.14 mm ² class Column 4 and 0.34 6 MNQ Class 3 column 2)
2	Insulation: flame retardant PVC according to CEI 20-22 II ° and IEC 332-3C
3	85% Screen: tinned copper braid, coverage approx.

Technical Data.			
Rated voltage	0.14 to 0.34 350 V as of / of 0.50 300/500V	Conductor resistance	<142 Ohm / km (0.14 mm ²) <80 Ohm / km (0.25 mm ²) <59 Ohm / km (0.34 mm ²) <39.0 Ohm / km (0.50 mm ²) <26.0 Ohm / km (0.75 mm ²) <19.5 Ohm / km (1.00 mm ²) <13.3 Ohm / km (1.50 mm ²) <10.5 Ohm / km (2.00 mm ²) <8.0 Ohm / km (2.50 mm ²) <5.0 Ohm / km (4.00 mm ²) <3.3 Ohm / km (6.00 mm ²) <2.0 Ohm / km (10.0 mm ²)
Stress Test	0.14 to 0.34 2000 V as of / de0, 50 3500 V		
Temperature Range	- 10 ° C + 80 ° C		
Radiation Resistance.	80 Mrad		
Bending radius	12 x Ø		
Insulation resistance	> 200 MOhm x km	Capacity	cond environ 130 pF / m

LiYCY DIN COLOR CODE		
Ramcro code	Description	Ø exterior mm
STS0214HBAAC	Sec. 0,14 From 2x0,14 mmq	3,6 ± 0,3
STS6114HBAAC	To 61x0,14 mmq	11,8 ± 0,4
STS0226HBAAC	Sec. 0,25 From 2x0,25 mmq	4,3 ± 0,3
STS6126HBAAC	To 61x0,25 mmq	15,0 ± 0,4
STS0234HBAAC	Sec. 0,34 From 2x0,34 mmq	4,6 ± 0,3
STS6134HBAAC	To 61x0,34 mmq	18,0 ± 0,4
STS0250HBAAC	Sec. 0,50 From 2x0,50 mmq	5,2 ± 0,3
STS5050HBAAC	To 50x0,50 mmq	18,8 ± 0,4

LiYCY DIN COLOR CODE		
Ramcro code	Description	Ø exterior mm
STS0275HBAAC	Sec. 0,75 From 2x0,75mmq	5,5 ± 0,3
STS4075HBAAC	To 50x0,75 mmq	18,5 ± 0,4
STS0210HBAAC	Sec. 1,00 From 2x1,00 mmq	6,1 ± 0,3
STS3210HBAAC	To 50x1,00 mmq	20,2 ± 0,4
STS0215HBAAC	Sec. 1,50 From 2x1,50 mmq	7,2 ± 0,3
STS1815HBAAC	To 50x1,50 mmq	23,5 ± 0,4
STS0225HBAAC	Sec. 2,50 From 2x2,50 mmq	9,6 ± 0,3
STS1225HBAAC	To 50x2,50mmq	28,7 ± 0,4

Shielded electronics control cables LiYCY, laid up in layers or by pairs

LiYCY-JZ		
Ramcro code	Description	Ø exterior mm
STS0275HBAAD	Sec. 0,75 From 2x0,75 mmq	5,5 ± 0,3
STS5075HBAAE	To 50x0,75 mmq	18,5 ± 0,4
STS0210HBAAD	Sec. 1,00 From 2x1,00 mmq	6,1 ± 0,3
STS5010HBAAE	To 50x1,00 mmq	20,2 ± 0,4
STS0215HBAAD	Sec. 1,50 From 2x1,50 mmq	7,2 ± 0,3
STS5015HBAAE	To 50x1,50 mmq	23,5 ± 0,4
STS0225HBAAD	Sec. 2,50 From 2x2,50 mmq	9,6 ± 0,3
STS5025HBAAE	To 50x2,50 mmq	28,7 ± 0,4
STS0240HBAAD	Sec. 4,00 From 2x4.00 mmq	10,1 ± 0,4
STS0740HBAAE	To 7x4.00 mmq	14,7 ± 0,4
STS0260HBAAD	Sec. 6,00 From 2x6.00 mmq	11,7 ± 0,4
STS0760HBAAE	To 7x6.00 mmq	16,5 ± 0,4
STS0211HBAAD	Sec. 10,00 From 2x10.00 mmq	15,3 ± 0,4
STS0711HBAAE	To 7x10.00 mmq	21,5 ± 0,4
STS0216HBAAD	Sec. 16,00 From 2x16.00 mmq	17,3 ± 0,4
STS0516HBAAE	To 5x16.00 mmq	22,4 ± 0,4

Application
These cables are used to SUPPLIERS energy and control cables for signal transmission in mechanical engineering for machinery, tools, production lines and transportation equipment, as well as industrial facilities. Meet the requirements of EEC directive concerning electromagnetic compatibility (EMC), and ensure interference-free transmission providing protection against external impulses.

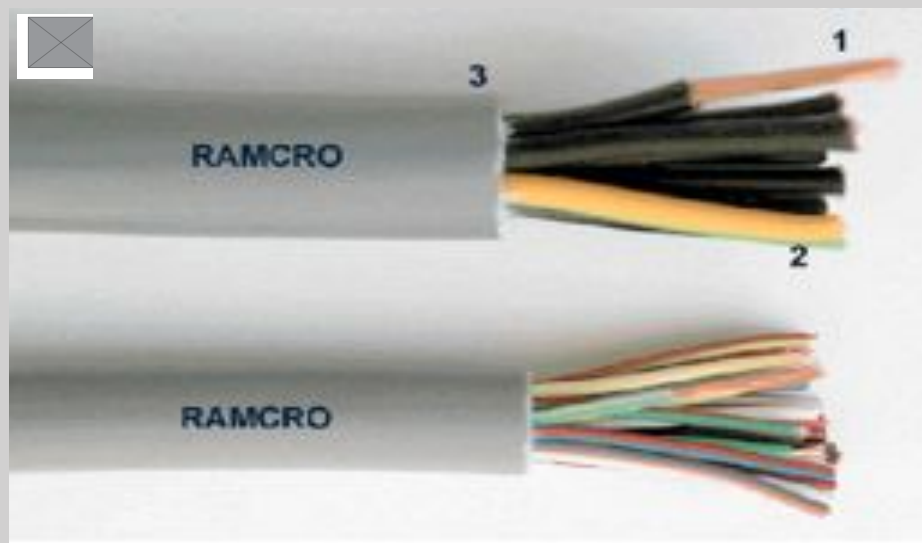
MULTIPAAR LiYCY -TP		
Ramcro code	Description	Ø exterior mm
MSS0214HBAAC	Sec. 0,14 From 2x2x0,14mmq	4,6 ± 0,3
MSS5014HBAAC	To 50x2x0,14 mmq	16,1 ± 0,4
MSS0226HBAAC	Sec. 0,25 From 2x2x0,25 mmq	5,3 ± 0,3
MSS5026HBAAC	To 50x2x0,25 mmq	17,4 ± 0,4
MSS0234HBAAC	Sec. 0,34 From 2x2x0,34 mmq	6,8 ± 0,3
MSS5034HBAAC	To 50x2x0,34 mmq	20,2 ± 0,4
MSS0250HBAAC	Sec. 0,50 From 2x2x0,50 mmq	7,4 ± 0,3
MSS5050HBAAC	To 50x2x0,50 mmq	24,1 ± 0,4
MSS0275HBAAC	Sec. 0,75 From 2x2x0,75 mmq	7,9 ± 0,3
MSS5075HBAAC	To 50x2x0,75 mmq	26,8 ± 0,3
MSS0210HBAAC	Sec. 1,00 From 2x2x1,00 mmq	9,5 ± 0,3
MSS5010HBAAC	To 50x2x1,00 mmq	29,4 ± 0,3
MSS0215HBAAC	Sec. 1,50 From 2x2x1,50 mmq	10,2 ± 0,4
MSS5015HBAAC	To 50x2x1,50 mmq	35,0 ± 0,4

Color Code
LiYCY y LiYCY-TP: DIN 47100
LiYCY OZ: Codificados numerados negros verde/amarillo.
LiYCY JZ: Codificados numerados negros con verde/amarillo

Standards.
CEI 20-11 CEI 20-32 II IEC 228
CEI 20-35 CEI 20-37 I IEC 332-1

Packing
Drums of 1000 m and 100 m bovine each

Flexible control cables LiYY-DIN and LiYY-JZ/-OZ



Printing: LiYY / OZ /-JZ RAMCRO EC (year of production) CEI 20-22 "

Structure self-explaining article

SSS	No. Pairs + sec.	HBAAC (LiYY-DIN)	Jacket	Grey Ral 7001
SSS	No. Pairs + sec.	HBAAD (LiYY-OZ)	Jacket	Grey RAL 7001
SSS	No. Pairs + sec.	HbAA (LiYY-JZ)	Jacket	Grey RAL 7001

1	Flexible bare copper conductor according VDEW 0295 class 5 (0.14 mmq except column 4 and Class 6 Class 3 0.34mmq column 2)
2	Insulation: flame retardant PVC according to CEI 20-22 ° and IEC 332-3C
3	Jacket: PVC flame retardant according to CEI 20-22 II ° and 332-3C IEC, GREY RAL 7001

Technical Data.

Rated voltage	0,14 - 0,34 350 V 0,50 300/500V 0,14 - 0,34 2000 V	Insulation resistance	$<142 \text{ Ohm / km (0.14 mmq)}$ $<80 \text{ Ohm / km (0.25 mmq)}$ $<59 \text{ Ohm / km (0.34 mmq)}$ $<38 \text{ Ohm / km (0.50 mmq)}$ $<25 \text{ Ohm / km (0.75 mmq)}$ $<19 \text{ Ohm / km (1.00 mmq)}$ $<13 \text{ Ohm / km (1.50 mmq)}$ $<10 \text{ Ohm / km (2.00 mmq)}$ $<8 \text{ Ohm / km (2.50 mmq)}$ $<5 \text{ Ohm / km (4.00 mmq)}$ $<3 \text{ Ohm / km (6.00 mmq)}$ $<2 \text{ Ohm / km (10.00 mmq)}$
Stress Test	0,50 3500 V	Conductor resistance	
Temperature Range	- 10 °C + 80 °C		
Radiation Resistance.	80 Mrad		
Bending radius	12 x Ø		
Insulation resistance	> 200 MOhm x km	Capacity.	

LiYY DIN CODIGO COLOR

Ramcro code	Description	Ø exterior mm
SSS0214HBAAC	Sec. 0,14 From 2x0,14 mmq	3,2 ± 0,3
SSS6114HBAAC	To 61x0,14 mmq	± 0,3
SSS0226HBAAC	Sec. 0,25 From 2x0,25 mmq	3,7 ± 0,3
SSS6126HBAAC	To 61x0,25 mmq	± 0,3
SSS0234HBAAC	Sec. 0,34 From 2x0,34 mmq	4,3 ± 0,3
SSS6134HBAAC	To 61x0,34 mmq	± 0,3
SSS0250HBAAC	Sec. 0,50 From 2x0,50 mmq	4,7 ± 0,3
SSS5050HBAAC	To 50x0,50 mmq	± 0,3
SSS0275HBAAC	Sec. 0,75 From 2x0,75 mmq	5,3 ± 0,3
SSS5075HBAAC	To 50x0,75 mmq	± 0,3

LiYY DIN CODIGO COLOR

Ramcro code	Description	Ø exterior mm
SSS0210HBAAC	Sec. 1,00 From 2x1,00 mmq	5,4 ± 0,3
SSS5010HBAAC	To 50x1,00 mmq	19,0 ± 0,3
SSS0215HBAAC	Sec. 1,50 From 2x1,50 mmq	6,4 ± 0,3
SSS5015HBAAC	To 50x0,14 mmq	22,2 ± 0,3
SSS0225HBAAC	Sec. 2,50 From 2x2,50 mmq	7,6 ± 0,3
SSS5025HBAAC	To 50x2,50 mmq	27,2 ± 0,3
SSS0240HBAAC	Sec. 4,00 From 2x4,00 mmq	9,6 ± 0,3
SSS0740HBAAC	To 7x4,00 mmq	14,2 ± 0,3
SSS0260HBAAC	Sec. 6,00 From 2x6,00 mmq	11,2 ± 0,3
SSS0760HBAAC	To 7x6,00 mmq	16,0 ± 0,3

Flexible control cables LiYY-DIN and LiYY-JZ/-OZ

LiYY DIN CODIGO COLOR		
Ramcro code	Description	Ø exterior mm
SSS0250HBAAC	Sec. 0,50 From 2x0,50 mmq	4,7 ± 0,3
SSS5050HBAAC	To 50x0,50 mmq	15,5 ± 0,4
SSS0275HBAAC	Sec. 0,75 From 2x0,75 mmq	5,3 ± 0,3
SSS5075HBAAC	To 50x0,75 mmq	15,8 ± 0,4
SSS0210HBAAC	Sec. 1,00 From 2x1,00 mmq	5,7 ± 0,3
SSS5010HBAAC	To 50x1,00 mmq	17,6 ± 0,4
SSS0215HBAAC	Sec. 1,50 From 2x1,50 mmq	6,5 ± 0,3
SSS5015HBAAC	To 50x1,50 mmq	20,0 ± 0,4
SSS0225HBAAC	Sec. 2,50 From 2x2,50 mmq	7,9 ± 0,3
SSS5025HBAAC	To 50x2,50 mmq	23,2 ± 0,4

LiYY JZ		
Ramcro code	Description	Ø exterior mm
SSS0250HBAAD	Sec. 0,50 From 2x0,50 mmq	4,7 ± 0,3
SSS5050HBAAE	To 50x0,50 mmq	15,6 ± 0,4
SSS0275HBAAD	Sec. 0,75 From 2x0,75 mmq	5,3 ± 0,3
SSS5075HBAAE	To 50x0,75 mmq	17,2 ± 0,4
SSS0210HBAAD	Sec. 1,00 From 2x1,00 mmq	5,7 ± 0,3
SSS5010HBAAE	To 50x1,00 mmq	19,0 ± 0,4
SSS0215HBAAD	Sec. 1,50 From 2x1,50 mmq	6,5 ± 0,3
SSS5015HBAAE	To 50x1,50 mmq	22,2 ± 0,3
SSS0225HBAAD	Sec. 2,50 From 2x2,50 mmq	7,9 ± 0,3
SSS5025HBAAE	To 50x2,50 mmq	27,2 ± 0,3
SSS0240HBAAD	Sec. 4,00 From 2x4,00 mmq	10,8 ± 0,3
SSS0740HBAAE	To 7x4,00 mmq	14,2 ± 0,3
SSS0260HBAAD	Sec. 6,00 From 2x6,00 mmq	13,4 ± 0,3
SSS0760HBAAE	To 7x6,00 mmq	16,0 ± 0,3
SSS0211HBAAD	Sec. 10,00 From 2x10,00 mmq	15,8 ± 0,3
SSS0711HBAAE	To 7x10,00 mmq	21,0 ± 0,3

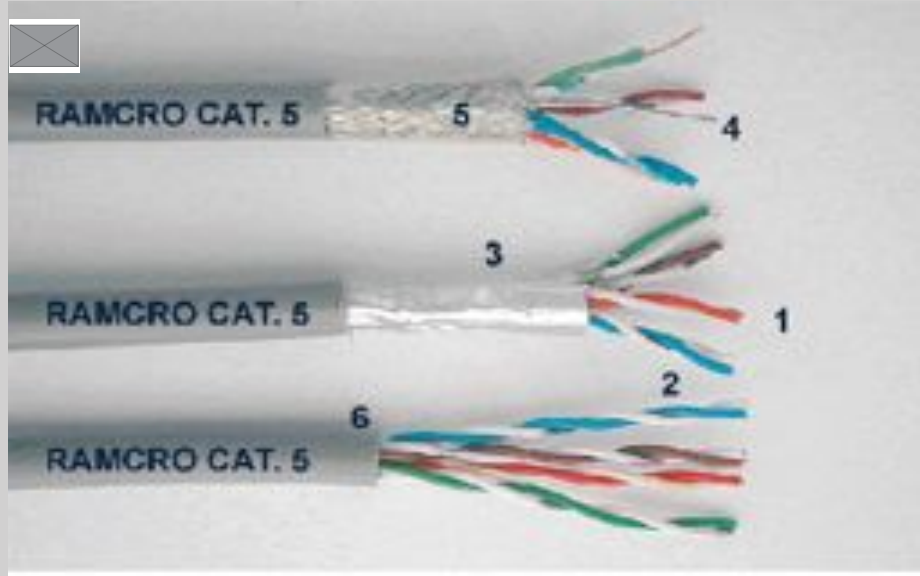
Application
These cables are used to SUPPLIERS energy and control cables for signal transmission in mechanical engineering for machinery, tools, production lines and transportation equipment, as well as industrial facilities for production lines and transport equipment and industrial installations .

Color Code
LiYY: DIN 47100
LiYY-OZ: black numbered coded without green / yellow
LiYY JZ: black numbered coded with green / yellow

Standards.
CEI 20-35 IEC 332-1
CEI 20-32 II IEC 332-3
CEI 20-37 I

Packing.
1000m drums and coils 100 each.

Computer and data cable for local area networks (LAN) UTP FTP SFTP (level 5E)



Print: "UTP / FTO 4x2x24 AWG24-Cat. 5E verified ISO /

Structure self-explaining article

5E UTP	Level	4x2xAWG 24	Jacket	Grey
5E FTP	Level	4x2xAWG 24	Jacket	Grey
5E SFTP	Level	4x2xAWG 24	Jacket	Grey

1	(AWG-24)	Solid bare copper conductor \varnothing 0.51mm
2		Insulation: Polyethylene
3	AL FTP SFTP	Screen: The overlay / polyester foil and polyester foil plus tinned copper braid for
4	mm (AWG 23)	Ground cable: solid bare wire or 0.57
5		Jacket: PVC flame retardant according to CEI 20-22 II ° IEC 332-3C, gray RAL 7001

Technical Data.

Impedance	100 Ohm \pm 15	Insulation resistance	> 5 GOhm / km
Temperature Range	- 20 ° C + 80 ° C	Conductor resistance	<94 Ohm / km
Radiation Resistance.	80 Mrad		
Bending radius	45 mm	Capacity.	<50 pF / m

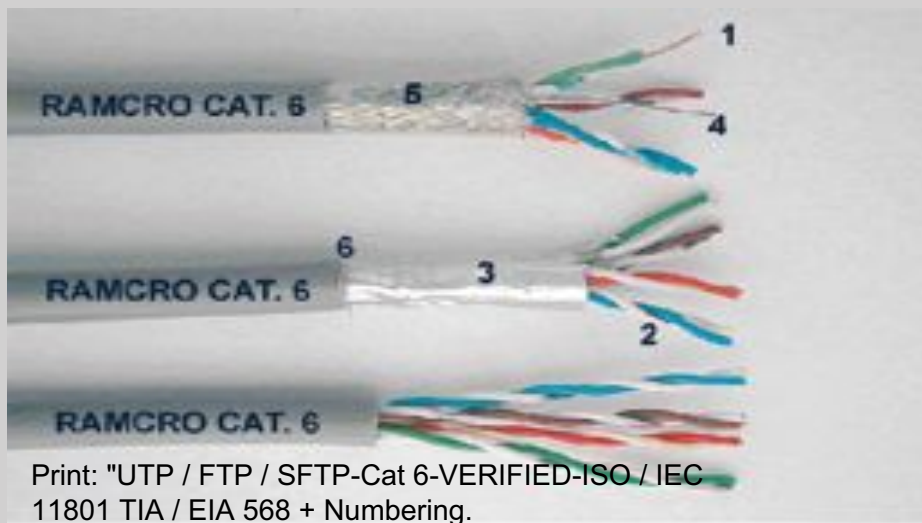
Performance Cable UTP-FTP Category 5E FTP-S

MHz	Attenuation dB/100m	Next dB	ACR dB
1	1.9	71	69,1
4	3,7	62	58,3
10	6	56	50
16	7,6	53	45,4
20	8,5	51	42,5
31,25	10,7	49	38,3
62,5	15,7	44	28,3
100	19,8	41	21,2
155,52	24,2	38	13,8
200	27,5	36	8,5

Category 5E cables characterized up to 100 MHz

Ramcro code	Description	\varnothing exterior mm
UTP LEVEL 5E 4x2x0,22	4x2xAWG 24	5,5 \pm 0,2
FTP LEVEL 5E 4x2x0,22	4x2xAWG 24	5,7 \pm 0,2
SFTP LEVEL 5E 4x2x0,22	4x2xAWG 24	6,2 \pm 0,2
UTP LEVEL 5E 4x2x0,22	2x (4x2xAWG 24)	
FTP LEVEL 5E 4x2x0,22	2x (4x2xAWG 24)	

Computer and data cable for local area networks (LAN) UTP FTP SFTP (level 5E)



Print: "UTP / FTP / SFTP-Cat 6-VERIFIED-ISO / IEC 11801 TIA / EIA 568 + Numbering.

Structure self-explanatory items			
Level 6	UTP	4x2xAWG 24	Jacket Grey
Level 6	FTP	4x2xAWG 24	Jacket Grey
Level 6	SFTP	4x2xAWG 24	Jacket Grey

1	24)	Solid bare copper conductor \varnothing 0.51mm (AWG-Insulation: Polyethylene
2		Display: overlap each pair with polyester film.
3-5	(FTP) and per more (SFTP)	Display: overlap in lamina AL / polyester All sheets / polyester mesh tinned cop
4	23)	Ground cable: solid bare wire or 0.57 mm (AWG
6	20-22 II °	Jacket: PVC flame retardant according to CEI

Technical Data Category 6/300 MHz			
Impedance	100 Ohm \pm 15	Insulation resistance	> 5 GOhm / km
Temperature Range	- 20 ° C + 80 ° C	Conductor resistance	<94 Ohm / km
Radiation Resistance.	80 Mrad		
Bending radius	45 mm	Capacity.	<50 pF / m

Category 6 (improved) characterized to 250 MHz			
Ramcro code	Description	\varnothing exterior mm	
FTP LEVEL 6 4x2x0,22	Cat. 6 4x2xAWG 24	6,2 \pm 0,2	
SFTP LEVEL 6 4x2x0,22	Cat. 6 4x2xAWG 24	6,5 \pm 0,2	
UTP LEVEL 6 4x2x0,22	Cat. 6 4x2xAWG 24	6,0 \pm 0,2	

MHZ	Attenuation dB/100m	Next dB	ACR dB
1	2,1	74	72,0
4	3,3	65	61,2
10	6,0	59	53
16	7,6	56	48,4
20	8,5	55	46,5
31,25	10,7	52	41,3
62,5	15,5	47	31,5
100	19,9	44	24,1
155	25,4	42	16,6
200	29,2	40	10,8
250	33,0	38	5
300	36,1	41	4,8

MHZ	Attenuation dB/100m	Next dB	ACR dB
1	2,0	74	72,0
4	3,8	65	61,2
10	6,0	59	53
16	7,6	56	48,4
20	8,5	55	46,5
31,25	10,7	52	41,3
62,5	15,3	47	31,5
100	19,9	44	24,1
155	25,3	42	16,6
200	29,1	40	10,8
250	33,0	38	5
300	34,0	41	4,8

UTP

FTP/S-FTP

Computer and data cable for local area networks



Structure self-explaining article			
SFTP CAT 7	4x2xAWG 23	Jacket	Grey
CAT 7 SSTP	4x2xAWG 23	Jacket	Grey

1	Solid bare copper conductor \varnothing 0.57MM (awg-24)
2	Insulation: Polyethylene
3	1 ° Display: overlap each pair with polyester film.
4-5	2 ° Display: 35% coverage (SFTP), coverage 65% (SSTP) Grounding wire: bare solid copper \varnothing 0.57% mm (AWG-23)
6	Jacket: PVC flame retardant according to CEI 20-22 II ° and IEC 332-3C, gray RAL 7001

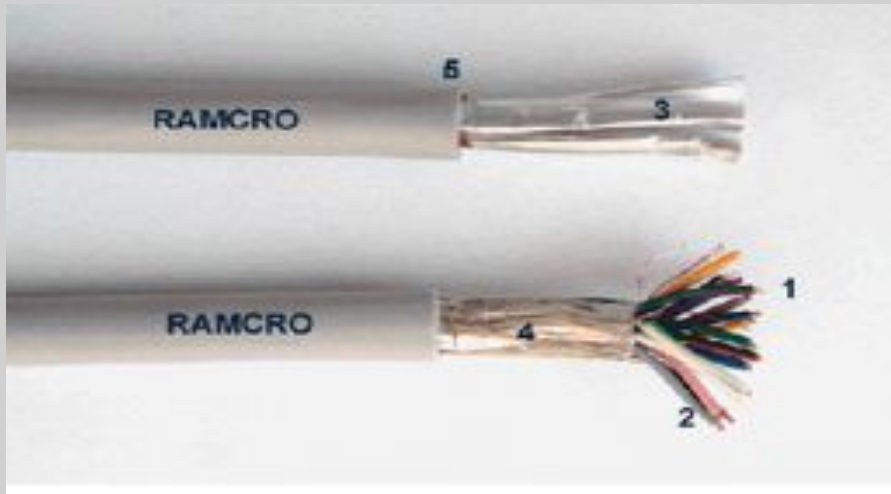
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Technical Data Category 7/600 MHz			
Impedance	100 Ohm \pm 15	Insulation resistance	> 5 GOhm / km
Temperature Range	- 20 ° C + 80 ° C	Conductor resistance	<92 Ohm / km
Radiation Resistance.	80 Mrad		
Bending radius	45 mm	Capacity.	<50 pF / m

Rendimiento Cable S FTP Categoría 7			
MHZ	Attenuation dB/100m	Next dB	ACR dB
1	1,9	90	88,1
4	3,6	90	86,4
10	5,5	90	84,5
16	7,1	90	82,9
20	7,9	90	82,1
31,25	10,2	90	79,8
62,5	14,5	90	75,5
100	18,5	85	66,5
200	26,2	79	52,8
300	32,8	76	43,2
600	47,6	73	25,4

Cables categoría 7- caracterizados To 600MHz		
Ramcro code	Description	\varnothing exterior mm
SFTP LEVEL 74X2X0.56	SFTP4x2xAWG23/1	7,7 \pm 0,2
SFTP LEVEL 74X2X0.56	SFTP4x2xAWG23/1	7,7 \pm 0,2

Computer and data cable for local area networks



Print: "RAMCRO EC (year of production) Flame"

Structure self-explanatory items		
CCS	No. cond. + Sec	Grey Jacket RAL 7035
CMS	No. paired + sec.	Grey Jacket RAL 7035
CPS	No. paired + sec.	Grey Jacket RAL 7035

1	Flexible tinned copper conductor.
2	Insulation: PVC flame retardant according to IEC 332-3C
3-4	Display: polyester film overlay / Al, plus tinned copper braid coverage ca. 70%
5	Jacket: PVC flame retardant according to CEI 20-22 II ° and IEC 332-3C, gray RAL 7035.

Technical Data.

Rated voltage	220 V	Insulation resistance	> 200 MOhm x km
Stress Test	2000 V	Conductor resistance	<90 Ohm / km (0.22 mmq/AWG24) <57 Ohm / km (0.35 mmq/AWG22)
Temperature Range	- 10 ° C + 80 ° C		
Radiation Resistance.	80 Mrad		
Bending radius	12 x Ø	Capacity	<130 pF / m

DOBLE PANTALLA LivY (ST) CY DOBLE PANTALLA All/CS

Ramcro code	Description	Ø exterior mm
CCS0422HAAAC	4x0,22 mmq	4,7 ± 0,3
CCS0622HAAAC	6x0,22 mmq	5,3 ± 0,3
CCS0722HAAAC	7x0,22 mmq	5,4 ± 0,3
CCS0822HAAAC	8x0,22 mmq	5,8 ± 0,3
CCS1022HAAAC	10x0,22 mmq	5,9 ± 0,3
CCS1222HAAAC	12x0,22 mmq	6,0 ± 0,3
CCS1622HAAAC	16x0,22 mmq	7,2 ± 0,3
CCS2022HAAAC	20x0,22 mmq	8,1 ± 0,3
CCS2522HAAAC	25x0,22 mmq	8,8 ± 0,3

LivY(ST)YPiMF – PARES CONTROLADOS ALL-OVERALLCS

Ramcro code	Description	Ø exterior mm
CPS0222HAAAC	2x2x0,22mmq	6,10 ± 0,3
CPS0322HAAAC	3x2x0,22mmq	6,20 ± 0,3
CPS0422HAAAC	4x2x0,22mmq	6,70 ± 0,3
CPS0522HAAAC	5x2x0,22mmq	7,70 ± 0,3
CPS0622HAAAC	6x2x0,22mmq	7,80 ± 0,3
CPS0822HAAAC	8x2x0,22mmq	8,90 ± 0,3
CPS1022HAAAC	10x2x0,22mmq	9,80 ± 0,3
CPS1222HAAAC	12x2x0,22mmq	10,5 ± 0,4

DOBLE PANTALLA LivY (ST)-TP DOBLE PANTALLA All/CS

Ramcro code	Description	Ø exterior mm
CMS0222HAAAC	2x2x0,22mmq	5,1 ± 0,3
CMS0322HAAAC	3x2x0,22mmq	5,7 ± 0,3
CMS0422HAAAC	4x2x0,22mmq	6,1 ± 0,3
CMS0522HAAAC	5x2x0,22mmq	6,2 ± 0,3
CMS0622HAAAC	6x2x0,22mmq	6,3 ± 0,3
CMS0822HAAAC	8x2x0,22mmq	7,6 ± 0,3
CMS1022HAAAC	10x2x0,22mmq	8,5 ± 0,3
CMS1222HAAAC	12x2x0,22mmq	9,2 ± 0,3
CMS1522HAAAC	15x2x0,22mmq	10,2 ± 0,4
CMS1822HAAAC	18x2x0,22mmq	11,5 ± 0,4
CMS2522HAAAC	25x2x0,22mmq	13,0 ± 0,4

Equipment and Data Cables for Local Area Network (LAN)

These types of cables can be manufactured according to the following different constructions:

- Tinned copper conductors or bare.
- Insulation: PE, XLPE, PVC, Foam PE, LSZH.
- With or without screen display.
- Jackets: PE, PVC and LSZH.

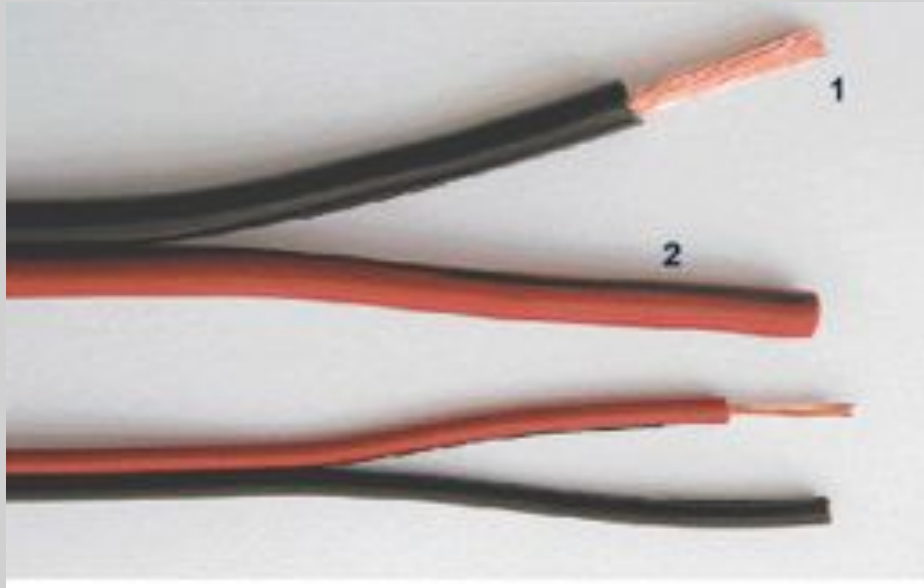
Application
<p>These cables are used for the installation of wiring systems structures, which demand high rates of transmission. Flexible cables are designed for connection to computer electronics in high-interference means that allow excellent efficiency of the screen.</p>

Standards.	
ISO/ IEC 11801	IEC 332.3
EN 50173	CEI 20-32 II
EIA/TIA 568 A	CEI 20-37 I
IEC 332.1	

Color Code
<p>Cables CCS, CMS and CPS according to DIN 47100 Cables LAN Cat 5, 6, +7: White / Blue, Blue, White / Orange, Orange: White / green, green, white / brown, brown.</p>

Packing.
<p>Cables CCS, CMS and Drums PSC 1000 m reels of 100m each. LAN Cable, UTP and FTP 500m drums or cartons of 305 m each</p>

Speaker Cables



Structure self-explaining article			
PRN	Red / Black	No. cond. + + Querschnitt Aderzahl sec	HA
PAN	White / black		
PBB	White / Blue		
PBN	White / black		
PTB	White		
PTN	Black		
PTM	Café		
PTT	Transparent		
PTA	Silver		
PTO	Golden		

1	Flexible tinned copper conductor.
2	Insulation: flame retardant PVC according to CEI 20-22 II ° and IEC 332-3C

Technical Data.

Rated voltage	220 V	Conductor resistance	<80 Ohm / km (0.25 mmq) <59 Ohm / km (0.35 mmq) <38 Ohm / km (0.50 mmq) <25 Ohm / km (0.75 mmq) <19 Ohm / km (1.00 mmq) <13 Ohm / km (1.50 mmq) <10 Ohm / km (2.00 mmq) <8 Ohm / km (2.50 mmq) <5 Ohm / km (4.00 mmq)
Stress Test	2000 V		
Temperature Range	- 10 ° C + 80 ° C		
Radiation Resistance.	80 Mrad		
Min Bend Radius	12 x Ø		
Insulation resistance	> 200 MOhm x km	Capacity	cond. environ 130 pF / m

Ramcro code	Description	Ø exterior mm
...0226HA	2x0,25 mmq	1,2x2,4
...0235HA	2x0,35 mmq	1,5x3,0
...0250HA	2x0,50 mmq	1,8x3,6
...0275HA	2x0,75 mmq	2,0x4,0
...0210HA	2x1,00 mmq	2,3x4,6
...0215HA	2x1,50 mmq	2,5x5,0
...0220HA	2x2,00 mmq	3,0x6,0
...0225HA	2x2,50 mmq	3,3x6,6
...0240HA	2x4,00 mmq	4,3x8,6

Application.

Cables planos para la conexión de altavoces para equipos hi-fi (alta definición). El amplio rango de colores diferentes satisface la demanda individual de la estética del mercado.

Standards.

CEI 20-11	CEI 20-22 II
CEI 20-20	IEC 332-3C


Color Code

Ver la tabla.








Packing.

Tambores de 500 m y bobinas de 100m cada una.

Radio frequency and coaxial cables for data transmission.

		50 Ohm					75 Ohm MIL C 17 F		
		RG 174/U	RG 58 C/U	RG 223A/U	RG 213/U	RG 214/U	RG 59 Micro	RG 59 B/U	RG 175
Interior Conductor		7x0,16 Cw	19x0,18 Cu/St	0,90 Cu/Ag	7x0,75 Cu	7x0,75 Cu/Ag	7x0,18 Cu	0,58 Cw	7x0,10 Cu
Dielectric.		PE 1,5	PE 2,95	PE 2,95	PE 7,25	PE 7,25	PE 2,20	PE 3,70	PE 1,5
Screen		Cs 90%	Cs 90%	Cu/Ag 92%	Cu 90%	Cu/Ag 90%	Cu 95%	Cu 90%	Cs 90%
Jacket		PVC 2,70	PVC 5,00	PVC 5,00	PVC 10,3	PVC 10,8	PVC 4,00	PVC 6,20	PVC 2,90
Impedance	ohm	50	50	50	50	50	75	75	75
Capacity	pF/m	100	100	100	100	100	80	67	100
Factor / factor of propagation.	%	66	66	66	66	66	66	66	66,7
Attenuation 50Mhz	dB/100m	17,9	10,7	9,2	4,6	5,1	9,9	7,9	17,9
Attenuation 200Mhz	dB/100m	59,6	33,3	27,2	14,2	16,3	26,5	24,5	-
Attenuation 400Mhz	dB/100m	59,6	33,3	27,2	14,2	16,3	26,5	24,5	-
Attenuation 800Mhz	dB/100m	85,3	53,4	39,3	21,2	24,6	36,6	34,2	-
Attenuation 1000Mhz	dB/100m	95,2	61,1	44,4	24,6	27,4	41,8	39,4	-
Attenuation 3000Mhz	dB/100m	-	-	-	-	-	-	-	-
100-900 MHz Performance Monitor	dB/100m	>60	>60	>60	>60	>60	>60	>60	>60
Maximum Voltage.	V	1500	1900	1900	5000	5000	1500	2300	1500
Conductor Resistance.	Ohm/Km	290	38	28	6,1	6,1	100	158	263,4
Temperature range.	C	-20 + 80	-20 + 80	-20 + 80	-20 + 80	-20 + 80	-20 + 80	-20 + 80	-20 + 80
Graphics									
		RG 174/U	RG 58 C/U	RG 223A/U	RG 213/U	RG 214/U	RG 59 Micro	RG 59 B/U	RG 175

Radio frequency and coaxial cables for data transmission.

75 Ohm						93 Ohm	75 Ohm	
		RG 11 A/U	KX6A	KX8	RG 62 A/U	RG 59 Micro DIGITAL	KX100-KX8 R411 LONG DISTANCE	KX75-KX6 R459 LONG DISTANCE
Interior Conductor		7x0,40 CU/St	7x0,20 Cu	7x0,40 Cu	0,64 Cw	9x0.10 Cu	7x0,40 Cu	0,80 Cu
Dielectric.		PE 7,25	PE 3,70	PE 7,25	PEA 3,70	PEE 1,50	PEE 4,95	PEE 3,70
Screen		CU 95%	Cu 90%	PE 7,25	PEA 3,70	PEE 1,50	PEE 4,95	PEE 3,70
Jacket		PVC 10,3	PVC 6,2	PVC 10,3	PVC 6,2	PVC 2,80	PVC 7,00	PVC 6,20
Impedance	ohm	75	75	75	93	75	75	75
Capacity	pF/m	67	67	67	45	67	65	56
Factor / factor of propagation.	%							
Attenuation 50Mhz	dB/100m	66	66	66	83	66	66,7	83
Attenuation 200Mhz	dB/100m	4,7	7,99	4,7	6,2	19,5	5,21	5,23
Attenuation 400Mhz	dB/100m	9,9	16,4	9,9	12,5	41,6	9,20	10,20
Attenuation 800Mhz	dB/100m	14,8	24,5	14,8	18,3	60,8	12,09	14,55
Attenuation 1000Mhz	dB/100m	22,6	34,2	22,6	25,9	90	18,92	21,336
Attenuation 3000Mhz	dB/100m	23,6	39,4	226,3	29,2	102	21,5	-
100-900 MHz Performance Monitor	dB/100m	60	60	60	60	60	-	60
Maximum Voltage.	V	5000	2300	5000	750	1500	5000	1500
Conductor Resistance.	Ohm/Km	20,5	80	19,5	130	250	21,1	37
Temperature range.	C.	-20 + 80	-20 + 80	-20 + 80	-20 + 80	-20 + 80	-20 + 80	-20 + 80
Graphics								
		RG 11 A/U	KX6A	KX8	RG 62 A/U	RG 59 Micro DIGITAL	KX100-KX8 R411 LONG DISTANCE	KX75-KX6 R459 LONG DISTANCE

Coaxial Cables RF and data transmission.

Application

These cables with an impedance of 50 Ohm are used telecommunications systems for use in instrumentation and control systems and antenna reception for local area network. Cables with impedance of 75 Ohm is used for transmission of video signals and digital telephony. Cables with impedance of 93 Ohm are used in local area networks and twin axial cables with impedance of 105 Ohm is designed for IBM cabling systems.

Standards.






CEI 20-11

MIL-C-17F

Packing.

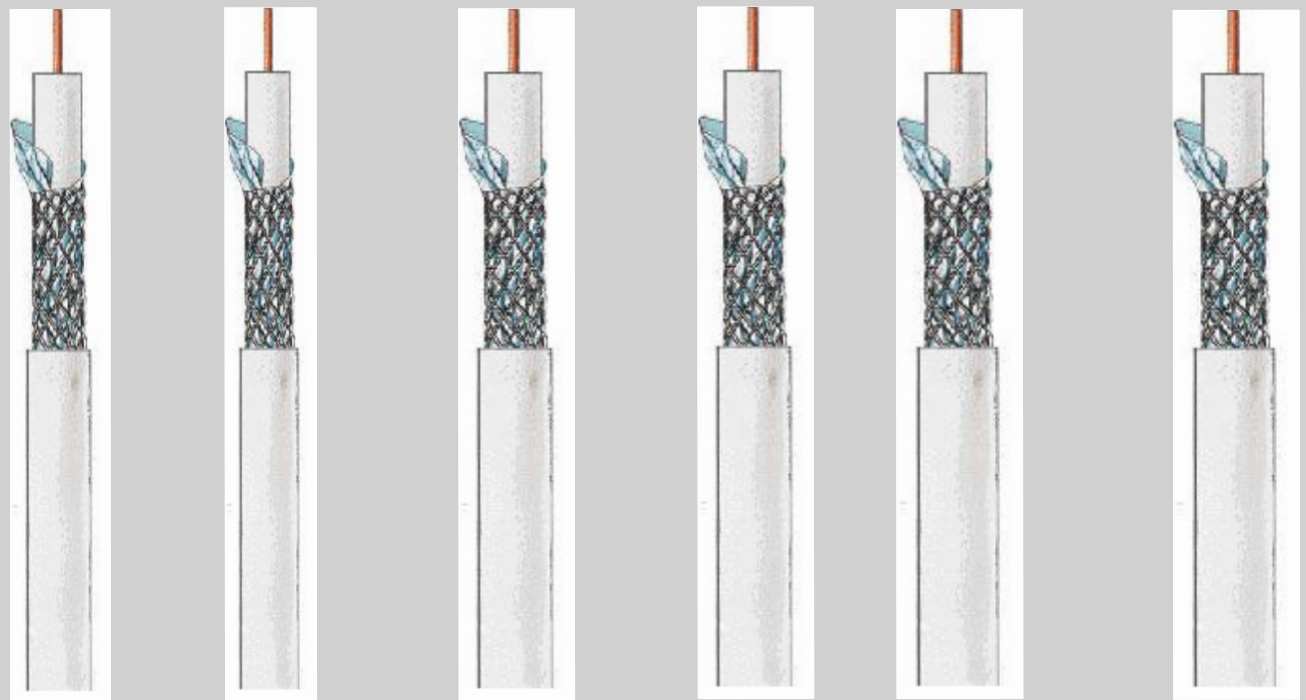
Drums of 1000 m or 100m coils each.

Coaxial cables for satellite receiving systems

		SAT 64/40 RTS	SAT 100E	SAT 100	SAT 200	SAT 2000D
Interior Conductor		1,00 TC	1,13 BC	1,13 BC	1,13 TC	1,13 TC
Dielectric.		PEE 4,70	PEE 5,00	PEE 5,00	PEE 5,00	PEE 5,00
Screen		All/PETP 100% Cs 70 %	All/PETP 100% Cu 75 %	Cu/PETP 100% Cu 75 %	All/PETP/All 100% Cs 75 %	All/PETP/All 100% Cs 80 %
Jacket		PVC 6,6 ± 0,2	PVC 6,8 ± 0,2	PVC 6,8 ± 0,2	PVC 6,8 ± 0,2	PVC 6,8 ± 0,2
Impedance	ohm	75 ± 3	75 ± 3	75 ± 3	75 ± 3	75 ± 3
Capacity	pF/m	55	55	55	55	55
Factor of propagation.	%	80	80	80	80	80
Attenuation 50Mhz	dB/100	7	5,2	5,9	5,7	6
Attenuation 200Mhz	dB/100	10	8,5	9	8,6	8,2
Attenuation 400Mhz	dB/100	13	12	12,5	12,1	11,8
Attenuation 800Mhz	dB/100	19,1	17,15	18	17,25	17
Attenuation 1750 MHz	dB/100	30	28	29	26	25,8
Attenuation 2050 MHz	dB/100	33	30	32	28	28
100-900 MHz Performance Monitor	dB/100	80	80	80	80	80
Maximum Voltage.	dB/100	700	700	700	700	700
Conductor Resistance.	Ohm/Km	23	17	17	18	18
Temperature range.	C.	-20+80	-20+80	-20+80	-20+80	-20+80
Graphics						
		SAT 64/40 RTS	SAT 100E	SAT 100	SAT 200	SAT 2000D

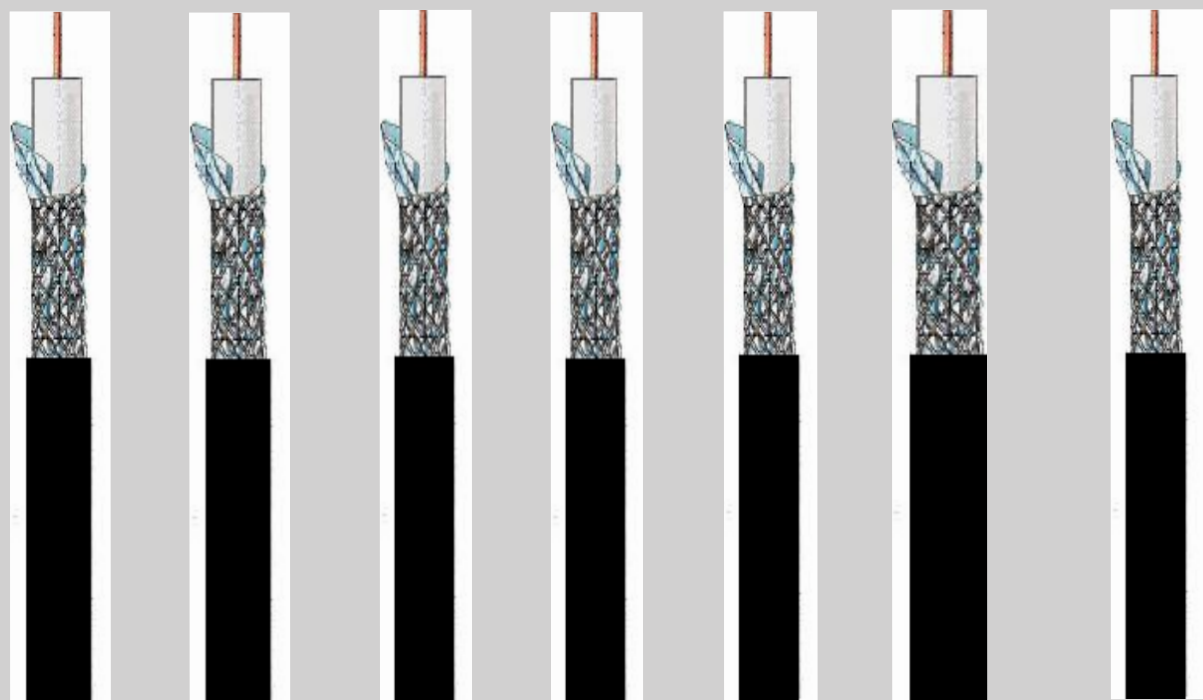
Coaxial cables for satellite receiving systems

		11 VATC	11 VRTC	11 VRTC	17 VATC/A	19 VATC	19 VATC/A
Interior Conductor		1,65 Cu	1,65 Cu	1,10 Cu	1,10 CCS	1,00 Cu	1,00 CCS
Dielectric.		PEE 7,35	PEE 7,35	PEE 4,80	PEE 4,80	PEE 4,80	PEE 4,80
Screen		All/PETP/ All11,5% CU>56 %	CU/TAPE100% CU>56 %	All/PET/All100% Cs 75 %	All/PET/ All100% Cs 75 %	All/PETP/ All100% Cs 75 %	All/PETP/All100% Cs 75 %
Jacket		PVC 10,25 ± 0,3	PVC 10,25 ± 0,3	PVC 6,8 ± 0,2	PVC 6,8 ± 0,2	PVC 6,8 ± 0,2	PVC 6,8 ± 0,2
Impedance	ohm	75 ± 3	75 ± 3	75 ± 3	75 ± 3	75 ± 3	75 ± 3
Capacity	pF/m	60	60	55	55	55	55
Factor / factor of propa gation.	%	84	84	80	80	80	80
Attenuation 50Mhz	dB/100m	2,5	2,5	6	6	7	7
Attenuation 200Mhz	dB/100m	5,8	5,8	8,25	8,25	10,35	10,35
Attenuation 400Mhz	dB/100m	7,7	7,7	12	12	14,5	14,5
Attenuation 800Mhz	dB/100m	11,0	11,0	17	17	19	19
Attenuation 1750Mhz	dB/100m	-	-	26,5	26,5	29,5	29,5
Attenuation 2050Mhz	dB/100m	-	-	28	28	32	32
100-900 MHz Perfor mance Monitor	dB/100m	80	80	80	80	80	80
Maximum Voltage.	V	700	700	700	700	700	700
Conductor Resistance.	Ohm/Km	7,8	7,8	17	45	23	50



Coaxial cables for satellite receiving systems

		RG59 CATV	RG59 BEQV	RG11 CATV	RG11 BEQV	RG6 A	RG6 M	RG6 BEQV
Interior Conductor		0,8 CCS	0,8 Cu	1,62 CCS	1,62 Cu	1,62 Cu	1,62 Cu	1,0 Cu
Dielectric.		PEE 3,7	PEE 3,7	PEE 7,10	PEE 7,10	PEE 4,60	PEE 4,60	PEE 4,60
1 ° Shield / Screen		AL/POL/AL	AL/POL/AL	All/PET/ All100%	All/PET/ All100%	All/PETP/ All100%	All/PETP/ All100%	All/PETP/ All100%
2 ° Shield / Screen		BRAID 40 %	BRAID 75 %	BRAID 50 %	BRAID 60 %	BRAID 40%	BRAID 60 %	BRAID 80%
Jacket		PVC 6,20 ± 0,2	PVC 6,20 ± 0,2	PVC 10.20 ± 0,2	PVC 10.20 ± 0,2	PVC 6,8 ± 0,2	PVC 6,8 ± 0,2	PVC 6,8 ± 0,2
Impedance	ohm	75 ± 3	75 ± 3	75 ± 3	75 ± 3	75 ± 3	75 ± 3	75 ± 3
Capacity	pF/m	56	56	56	56	56	56	56
Factor / factor of propagation.	%	83	83	83	83	83	83	83
Attenuation 50Mhz	dB/100m	6,4	5,0	3,23	3,10	5,00	5,00	4,00
Attenuation 200Mhz	dB/100m	13,5	12,0	6,027	5,60	9,25	9,25	8,00
Attenuation 400Mhz	dB/100m	17,8	16,0	8,225	7,60	13,42	13,42	12,00
Attenuation 800Mhz	dB/100m	25,0	23,0	11,55	11,00	18,50	18,50	17,00
Attenuation 1750 Mhz	dB/100m	35,0	33,0	19,50	18,00	31,00	28,00	27,00
Attenuation 2050 Mhz	dB/100m	37,0	35,0	22,50	21,00	31,00	31,00	30,00
100-900 MHz Performance Monitor	dB/100m	80	90	80	90	80	80	90
Maximum Voltage.	V	700	700	700	700	700	700	700
Conductor Resistance.	Ohm/Km	80	35	16,0 / 25	14,7 / 37	70/53	70/53	62/23
Temperature range.	C.	-20 + 80	-20 + 80	-20 + 80	-20 + 80	-20 + 80	-20 + 80	-20 + 80



Coaxial Cables reception satellite system

Application

SAT Coaxial Cables are designed for use in satellite receiving systems where high quality picture and sound are required. Our new type SAT 2000 D is suitable for digital transmission technology.

Standards.

IEC 96-1	CEI 46-1
CEI 12-15	EN 50117
CEI 20-11	

Packing

Drums of 1000 m or 100m coils each

Cables solar photovoltaic systems.

RAMCRO CE - RAMSOLAR PV1000-F 1.50 mmq - 0,6/1 kv

RAMCRO CE - RAMSOLAR PV1000-F 1.50 mmq - 0,6/1 kv

RAMCRO CE - RAMSOLAR PV1000-F 1.50 mmq - 0,6/1 kv

Print: "CE-RAMSOLAR RAMCRO PV

Section 1000-F mmq - 0.6 / 1 kV "

Structure self-explanatory items

UNI	Section Sección	BP	Color code Color Code	-DP SOLAR
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1	Flexible tinned copper conductor.			
2	Insulation: flame retardant PVC according to CEI 20-22 II ° and IEC 332-3C			
3	Jacket: thermosetting material LSHZ			

Certification in process
TÜV Following directive:
2 Pfg 1169/08.2007
by SEV-REG

Technical Data

AC rated voltage	600/1000 V	tance	Insulation Resis-	> 5 GOhm x km
DC rated voltage	0.9 / 1.8 kV	Radius	Min Bend	2 x Ø 3 x Ø 4 x Ø
Test voltage	6500 V	13 mm	<= 8 mm > 8 mm, <= > 13 mm	
Temperature Range	40 ° C + 120 ° C Peak + 150 ° C			

Ramcro code	Description	Nominal Ø exterior mm	Resistencia de Conductor	Intensidad Admisible 20°C
UNI15BP10-DP SOLAR	1x1,50 mmq	4,2	13,7	27 A
UNI25BP10-DP SOLAR	1x2,50 mmq	4,7	8,21	37 A
UNI40BP10-DP SOLAR	1x4 mmq	5,3	5,09	50 A
UNI60BP10-DP SOLAR	1x6 mmq	5,9	3,39	64 A
UNI11BP10-DP SOLAR	1x10 mmq	7.6	1,95	89 A
UNI16BP10-DP SOLAR	1x16 mmq	8,6	1,24	120 A
UNI27BP10-DP SOLAR	1x25 mmq	10,2	0,795	160 A
UNI36BP10-DP SOLAR	1x35 mmq	11,2	0,565	198 A
UNI51BP10-DP SOLAR	1x50 mmq	13,5	0,393	255 A
UNI71BP10-DP SOLAR	1x70 mmq	16,0	0,277	332 A

Application

Los cables unipolares son usados en sistemas fuentes de poder o energía de paneles fotovoltaicos.

Standards.

UTE C 32-502	EN 50266	IEC 61034
IEC 60332-1 / 3	EN 50267	NF C 15-100
EN 50265-1	EN 50268	
NF C 32-070	IEC 60754-1	

Color Code

Disponibles en 3 colores diferentes: Negro, rojo, Azul.

Packing

Tambores de 500 m

Flat cables for installation of elevators



Printing:
300/500V or 450/750V Condx"

Structure self-explaining article			
FLT	N° cond. + sec	HEAA-H05VVH6-F	Chaqueta Negra
FLT	N° cond. + sec	HEAA-H07VVH6-F	Chaqueta Negra

1	Bare copper conductor according to IEC 60228 class 5
2	Insulation: PVC low temperature resistant
3	Jacket: PVC low temperature resistant

Technical Data.					
Rated Voltage	sqmm sqmm	300/500 V up to 1.0 450/750 V from 1.50	tance	Insulation Resis-	> 200 MOhm x km
Test voltage		H05VVH6 2500 V H07VVH6 3000 V		Min Bend Radius	10 x Ø
Temperature Range	Peak	-40 ° C +120 ° C +150 ° C			

Ramcro code	Description	Nominal Ø exterior mm
FLT0475HEAAD-H05VV6-F	4x0,75 mmq	4,4x12,2
FLT0675HEAAD-H05VV6-F	6x0,75 mmq	4,4x17,6
FLT0975HEAAD-H05VV6-F	9x0,75 mmq	4,4x25,4
FLT1275HEAAD-H05VV6-F	12x0,75 mmq	4,4x32,5
FLT2475HEAAD-H05VV6-F	24x0,75 mmq	4,4x61,8
FLT0410HEAAD-H05VV6-F	4x1,00 mmq	4,6x12,8
FLT0610HEAAD-H05VV6-F	6x1,00 mmq	4,6x18,8
FLT0910HEAAD-H05VV6-F	9x1,00 mmq	4,6x27,2
FLT1210HEAAD-H05VV6-F	12x1,00 mmq	4,6x34,9
FLT2410HEAAD-H05VV6-F	24x1,00 mmq	4,6x67,4

Ramcro code	Description	Nominal Ø exterior mm
FLT0415HEAAD-H07VV6-F	4x1,50 mmq	5,0x14,5
FLT0515HEAAD-H07VV6-F	6x1,50 mmq	5,0x17,3
FLT0715HEAAD-H07VV6-F	9x1,50 mmq	5,0x25,3
FLT1215HEAAD-H07VV6-F	12x1,50 mmq	5,0x39,5
FLT2415HEAAD-H07VV6-F	24x1,50 mmq	5,0x83,0
FLT0425HEAAD-H07VV6-F	4x2,50 mmq	5,7x17,9
FLT0525HEAAD-H07VV6-F	6x2,50 mmq	5,7x21,2
FLT0725HEAAD-H07VV6-F	9x2,50 mmq	5,7x31,3
FLT1225HEAAD-H07VV6-F	12x2,50 mmq	5,7x49,1
FLT2425HEAAD-H07VV6-F	24x2,50 mmq	5,7x102,0
FLT0440HEAAD-H07VV6-F	4x4,00 mmq	6,5x20,2
FLT0540HEAAD-H07VV6-F	5x4,00 mmq	6,5x24,6
FLT0740HEAAD-H07VV6-F	7x4,00 mmq	6,5x35,6
FLT0460HEAAD-H07VV6-F	4x6,00 mmq	7,4x22,2
FLT0560HEAAD-H07VV6-F	5x6,00 mmq	7,4x26,6
FLT0760HEAAD-H07VV6-F	7x6,00 mmq	7,4x43,0

Application
These flat cables are used as power cables and control for mobile cranes, container crane bridges, transport systems and can be installed in dry, damp and wet.

Standards	
VDE 0281 IEC 60332-1 / 3 CEI 20-25 CEI UNEL 00725	VDE 0207 VDE 0472 P804 VDE 0283

Color Code
VDE 0293

Cables for high temperature silicone rubber + mesh silicone rubber Fiberglass



Structure self-explaining article		
GOSI	Simple sec.	Jacket Color
VESIO	Simple sec.	Jacket Color
GOSI	No. cond. + Sec.	Color Jacket
VESIO	No. cond. + Sec.	Jacket Color

1	Conductor, flexible Tinned copper
2	Option: Galvanized steel mesh Option: Wire mesh tinned copper Option: Display of Al / polyester aluminum Insulation: silicone rubber or silicone rubber mesh + Fiberglass
3	Jacket: Tresse silicone rubber, or fiberglass.

Technical Data

Rated voltage	300/500 V	Insulation resistance Conductor resistance	<38 Ohm / km (0.50 mmq) <25 Ohm / km (0.75 mmq) <19 Ohm / km (1.00 mmq) <13 Ohm / km (1.50 mmq) <10 Ohm / km (2.00 mmq) <8 Ohm / km (2.50 mmq) <5 Ohm / km (4.00 mmq) <3 Ohm / km (6.00 mmq) <2 Ohm / km (10.0 mmq)
Stress Test	2000 V		
Temperature Range	- 60 °C + 180 °C		
Radiation Resistance.	80 Mrad		
Min Bend Radius	10 x Ø		
Insulation Resistance	> 500 MOhm x km	Capacity.	cond. environ 110 pF / m

Ramcro code	Description	Ø exterior mm
GOSI0,50	0,50 mmq	2,1 ± 0,2
GOSI0,75	0,75 mmq	2,4 ± 0,2
GOSI1	1,00 mmq	2,5 ± 0,2
GOSI1,5	1,50 mmq	2,8 ± 0,2
GOSI2,5	2,50 mmq	3,4 ± 0,2
GOSI4	4,00 mmq	4,2 ± 0,2
GOSI6	6,00 mmq	5,0 ± 0,2
GOSI10	10,00 mmq	6,3 ± 0,3
GOSI16	16,00 mmq	8,2 ± 0,3
GOSI25	25,00 mmq	9,8 ± 0,3
GOSI35	35,00 mmq	11,0 ± 0,3
GOSI50	50,00 mmq	13,0 ± 0,3
GOSI70	70,00 mmq	14,6 ± 0,3
GOSI95	95,00 mmq	18,0 ± 0,3
GOSI120	120,00 mmq	19,0 ± 0,3
GOSI150	150,00 mmq	23,0 ± 0,3

Ramcro Art. Nr.	Description	Ø exterior mm
VESI0,50	VESI150	120,00 mmq
VESI0,75	0,50 mmq	150,00 mmq
VESI1	0,75 mmq	2,5 ± 0,2
VESI1,5	1,00 mmq	2,8 ± 0,2
VESI2,5	1,50 mmq	2,9 ± 0,2
VESI4	2,50 mmq	3,2 ± 0,2
VESI6	4,00 mmq	3,8 ± 0,2
VESI10	6,00 mmq	4,6 ± 0,2
VESI16	10,00 mmq	5,4 ± 0,2
VESI25	16,00 mmq	6,7 ± 0,3
VESI35	25,00 mmq	8,6 ± 0,3
VESI50	35,00 mmq	10,4 ± 0,3
VESI70	50,00 mmq	11,5 ± 0,3
VESI95	70,00 mmq	13,5 ± 0,3
VESI120	95,00 mmq	15,1 ± 0,3

High temperature cables in silicone rubber and silicone rubber + fiberglass mesh

Ramcro code	Description	Ø exterior mm
GOSI0250	GOSI0410	5x0,75 mmq
GOSI0350	GOSI0510	6x0,75 mmq
GOSI0450	GOSI0610	7x0,75 mmq
GOSI0550	GOSI0710	2x1,00 mmq
GOSI0650	GOSI0810	3x1,00 mmq
GOSI0750	2x0,50 mmq	4x1,00 mmq
GOSI0275	3x0,50 mmq	5x1,00 mmq
GOSI0375	4x0,50 mmq	6x1,00 mmq
GOSI0475	5x0,50 mmq	7x1,00 mmq
GOSI0575	6x0,50 mmq	8x1,00 mmq
GOSI0675	7x0,50 mmq	5,6 ± 0,2
GOSI0775	2x0,75 mmq	6,3 ± 0,2
GOSI0210	3x0,75 mmq	6,8 ± 0,2
GOSI0310	4x0,75 mmq	7,4 ± 0,3

Ramcro code	Description	Ø exterior mm
GOSI0315	GOSI0540	6x2,50 mmq
GOSI0415	GOSI0260	7x2,50 mmq
GOSI0515	GOSI0360	2x4,00 mmq
GOSI0615	GOSI0460	3x4,00 mmq
GOSI0715	GOSI0211	4x4,00 mmq
GOSI0225	3x1,50 mmq	5x4,00 mmq
GOSI0325	4x1,50 mmq	2x6,00 mmq
GOSI0425	5x1,50 mmq	3x6,00 mmq
GOSI0525	6x1,50 mmq	4x6,00 mmq
GOSI0625	7x1,50 mmq	2x10,00 mmq
GOSI0725	2x2,50 mmq	7,8 ± 0,3
GOSI0240	3x2,50 mmq	8,8 ± 0,3
GOSI0340	4x2,50 mmq	9,7 ± 0,3
GOSI0440	5x2,50 mmq	10,4 ± 0,3

Ramcro code	Description	Ø exterior mm
GOSI0275AR	GOSI0215AR	5x1,00 mmq
GOSI0375AR	GOSI0315AR	6x1,00 mmq
GOSI0475AR	GOSI0415AR	7x1,00 mmq
GOSI0575AR	2x0,75 mmq	2x1,50 mmq
GOSI0675AR	3x0,75 mmq	3x1,50 mmq
GOSI0775AR	4x0,75 mmq	4x1,50 mmq
GOSI0210AR	5x0,75 mmq	7,3 ± 0,2
GOSI0310AR	6x0,75 mmq	7,6 ± 0,2
GOSI0410AR	7x0,75 mmq	8,6 ± 0,2
GOSI0510AR	2x1,00 mmq	9,4 ± 0,2
GOSI0610AR	3x1,00 mmq	10,1 ± 0,2
GOSI0710AR	4x1,00 mmq	10,1 ± 0,3

Ramcro code	Description	Ø exterior mm
GOSI0515AR	GOSI0540AR	2x4,00 mmq
GOSI0615AR	GOSI0260AR	3x4,00 mmq
GOSI0715AR	GOSI0360AR	4x4,00 mmq
GOSI0225AR	5x1,50 mmq	5x4,00 mmq
GOSI0325AR	6x1,50 mmq	2x6,00 mmq
GOSI0425AR	7x1,50 mmq	3x6,00 mmq
GOSI0525AR	2x2,50 mmq	10,6 ± 0,2
GOSI0625AR	3x2,50 mmq	11,3 ± 0,2
GOSI0725AR	4x2,50 mmq	11,3 ± 0,2
GOSI0240AR	5x2,50 mmq	10,0 ± 0,2
GOSI0340AR	6x2,50 mmq	10,5 ± 0,2
GOSI0440AR	7x2,50 mmq	11,4 ± 0,3

Ramcro code	Description	Ø exterior mm
VESI0275	VESI0710	3x1,00 mmq
VESI0375	VESI0215	4x1,00 mmq
VESI0475	VESI0315	5x1,00 mmq
VESI0575	VESI0415	6x1,00 mmq
VESI0675	2x0,75 mmq	7x1,00 mmq
VESI0775	3x0,75 mmq	2x1,50 mmq
VESI0210	4x0,75 mmq	3x1,50 mmq
VESI0310	5x0,75 mmq	4x1,50 mmq
VESI0410	6x0,75 mmq	6,9 ± 0,3
VESI0510	7x0,75 mmq	7,2 ± 0,3
VESI0610	2x1,00 mmq	8,2 ± 0,3

Ramcro code	Description	Ø exterior mm
VESI0515	VESI0440	6x2,50 mmq
VESI0615	VESI0540	7x2,50 mmq
VESI0715	VESI0260	2x4,00 mmq
VESI0225	VESI0360	3x4,00 mmq
VESI0325	5x1,50 mmq	4x4,00 mmq
VESI0425	6x1,50 mmq	5x4,00 mmq
VESI0525	7x1,50 mmq	2x6,00 mmq
VESI0625	2x2,50 mmq	3x6,00 mmq
VESI0725	3x2,50 mmq	10,1 ± 0,3
VESI0240	4x2,50 mmq	10,9 ± 0,3
VESI0340	5x2,50 mmq	11,3 ± 0,3

Application

These cables are used in smelters, STEL, aeronautics, transportation-yard, cement, ceramics and glass.

Standards

DIN VDE 0205 CEI 20-29	CEN. HD22.1S2 CEI 20-19	UL 1581 CENELEC HD383
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Packing

Drums of 1000 m or 100m coils each

Color Code

2 conductor/ 2 cond. 3 conductor/ 3 cond. 4 conductor/ 4 cond. 5 conductor/ 5 cond.	white white yellow-green white/yellow-green/ black white-blanco/ yellow-green black numbered/
N>7 cond/cond.	



Certificate of Quality System Registration

RAMCRO S.P.A.

Via Manzoni, 15 - 20124 Nerviano, Milan, Italy

has complied with the requirements of the following:

ISO 9001:2008

and is authorised to use the LPCB mark on stationery
and publications related to the following products
and/or services

**Design, manufacture and supply of electric cables including cables used
for installations that require safety in the event of fire and the supply of
fibre optic cables.**

T A Hunter

for and on behalf of LPCB

Certificate No: 508

Issue Number: 08

Date of issue: 04 May 2010

Date of Expiry: 01 April 2011



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