

MULTISTANDARD
CABLES

CONTROL
CABLES

DATA
CABLES

ENERGY
CABLES

SPECIAL
CABLES

SHIELDED
CABLES

ARMOURED
CABLES

UTILITIES



RITARDANTE LA FIAMMA
FIRE RETARDANT

IMPIEGO APPROPRIATO / APPROPRIATE USE

Cavo per energia, segnalamento e comando, isolato in PVC di qualità S18 sotto guaina di PVC di qualità R18, con particolari caratteristiche di reazione al fuoco e rispondenti al Regolamento Prodotti da Costruzione (CPR). Adatto per posa fissa o per installazione temporanea in luoghi con pericolo d'incendio. Per impiego all'interno in locali secchi o bagnati (rif. CEI 20-40).

Power, signalling and control multi-core cable, PVC insulated S18 quality, with PVC sheath R18 quality, with special fire reaction characteristics and according to Construction Products Regulation (CPR). Suitable for fixed laying or temporary installations in fire risk areas.

For indoor installation in dry or wet places (ref. CEI 20-40).

	CARATTERISTICHE/ CHARACTERISTICS	DESCRIZIONE/ DESCRIPTION	NORME/ REFERENCE
	Tipo di cavo Type of cable	FS18OR18	
	Tensione nominale Nominal Voltage	U ₀ /U 300/500 V	
1	Conduttore Core	Corda flessibile di rame rosso ricotto, classe 5 Plain copper flexible wire, class 5	EN 60228
2	Isolamento Insulation	Mescola di PVC di qualità S18 PVC compound, S18 quality	EN 50363
3	Guaina Sheath	Mescola di PVC di qualità R18. Colore guaina: marrone PVC compound, R18 quality. Sheath colour: Brown	EN 50363
	Campo di temperatura Temperature range	-10°C/+70°C	
	Temperatura massima di corto circuito Maximum short circuit temperature	150°C	
	Tensione di prova Testing voltage	2000 V AC	
	Imballo Package	Matasse mt.100 in termoretraibile - Bobine 100 m thermo-shrinking material coils - Drums	

NORME RIF. GENERALI / GENERAL REFERENCE

CEI UNEL 35720, EN 50525-1, EN 50575:2014 + EN 50575/A1:2016

IDENTIFICAZIONE CONDUTTORI / CORE IDENTIFICATION

Anime colorate secondo CEI UNEL 00722 o numerate colore nero con o senza conduttore di protezione.

Colored cores according CEI-UNEL 00722 or black numbered cores with or without yellow/green protection conductor.

FS18OR18 300/500V Cca

CROSS-SECTION 0.50 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 0.50	4.5	40	9.0
3 x 0.50	4.7	47	13.5
4 x 0.50	5.2	55	18.0
5 x 0.50	5.7	71	22.5

CROSS-SECTION 0.75 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 0.75	5.2	48	13.5
3 x 0.75	5.5	57	20.25
4 x 0.75	6.0	65	27.0
5 x 0.75	6.8	80	33.75

CROSS-SECTION 1 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 1	5.6	56	18.0
3 x 1	6.0	67	25.0
4 x 1	6.7	80	36.0
5 x 1	7.3	95	45.0

CROSS-SECTION 1.5 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 1.5	6.2	71	27.0
3 x 1.5	6.6	86	40.5
4 x 1.5	7.1	100	54.0
5 x 1.5	8.0	123	67.5

CROSS-SECTION 2.5 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 2.5	5.6	56	45.0
3 x 2.5	6.0	67	67.5
4 x 2.5	6.7	80	90.0
5 x 2.5	7.3	95	112.5

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