

# FROR 450/750 V Cca

CPR Class



DOP Number



MULTISTANDARD  
CABLES

CONTROL  
CABLES

DATA  
CABLES

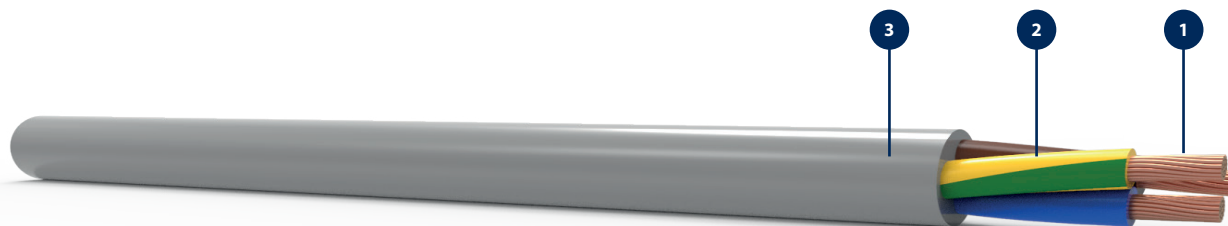
ENERGY  
CABLES

SPECIAL  
CABLES

SHIELDED  
CABLES

ARMOURED  
CABLES

UTILITIES



RITARDANTE LA FIAMMA  
FIRE RETARDANT

## IMPIEGO APPROPRIATO / APPROPRIATE USE

Cavo per posa mobile. Possibilità di utilizzo anche in posa fissa non interrata, osservando opportune precauzioni durante l'installazione. Adatto all'uso all'interno di locali sia asciutti che umidi e per uso temporaneo o intermittente. In esterna è utilizzabile per brevi periodi di tempo, comunque non più di qualche settimana consecutivamente.

*Cable for mobile laying. Can be used installed in fixed laying, taking appropriate precautions during installation. Suitable for use on inside, both on wet or dry environments and for temporary/occasional use. It can be use in external for short period of time as well, no more than some weeks globally.*

	CARATTERISTICHE/ CHARACTERISTICS	DESCRIZIONE/ DESCRIPTION	NORME/ REFERENCE
	Tipo di cavo <i>Type of cable</i>	FROR	
	Tensione nominale <i>Nominal Voltage</i>	Uo/U 450/750 V	
1	Conduttore <i>Core</i>	Flessibile di rame rosso classe 5 <i>Class 5 flexible red copper</i>	EN 60228
2	Isolamento <i>Insulation</i>	PVC tipo S17 <i>S17 PVC type</i>	EN 50363
3	Guaina <i>Sheath</i>	PVC tipo R18 <i>R18 type PVC</i>	EN 50363
	Campo di temperatura <i>Temperature range</i>	Posa mobile: da -15°C a +70°C <i>Mobile laying: from -15°C to 70°C</i>	
	Temperatura massima di corto circuito <i>Maximum short circuit temperature</i>	160°C	
	Tensione di prova <i>Testing voltage</i>	2500V AC	
	Imballo <i>Package</i>	Matasse mt.100 in termoretraibile - Bobine <i>100 m thermo-shrinking material coils - Drums</i>	

## NORME RIF. GENERALI / GENERAL REFERENCE

CPT 007; CEI EN 60332-1-2 2014, EN 50575:2014 + EN 50575/A1:2016

## IDENTIFICAZIONE CONDUTTORI / CORE IDENTIFICATION

CEI UNEL 00722

# FROR 450/750 V Cca

Construction	Approximate conductor diameter	Insulation medium thickness	Max external diameter	Max electric resistance at 20°C	Approximate cable weight	Current carrying capacities in air 30°C
n x mm <sup>2</sup>	mm	mm	mm	Ohm/km	kg/km	(A)
2 x 1	1.3	0.7	7.4	19.50	79	19.5
2 x 1.5	1.6	0.7	7.9	13.30	95	26
2 x 2.5	1.9	0.8	9.7	7.98	145	35
2 x 4	2.5	0.8	10.8	4.95	191	44
2 x 6	3.0	0.8	12.0	3.30	250	60

Construction	Approximate conductor diameter	Insulation medium thickness	Max external diameter	Max electric resistance at 20°C	Approximate cable weight	Current carrying capacities in air 30°C
n x mm <sup>2</sup>	mm	mm	mm	Ohm/km	kg/km	(A)
3 x 1	1.3	0.7	7.8	19.50	93	19.5
3 x 1.5	1.6	0.7	8.4	13.30	113	26
3 x 2.5	1.9	0.8	10.3	7.98	176	35
3 x 4	2.5	0.8	11.7	4.95	240	44
3 x 6	3.0	0.8	13.0	3.30	315	60

Construction	Approximate conductor diameter	Insulation medium thickness	Max external diameter	Max electric resistance at 20°C	Approximate cable weight	Current carrying capacities in air 30°C
n x mm <sup>2</sup>	mm	mm	mm	Ohm/km	kg/km	(A)
4 x 1	1.3	0.7	8.5	19.50	110	19.5
4 x 1.5	1.6	0.7	9.3	13.30	140	26
4 x 2.5	1.9	0.8	11.2	7.98	210	35
4 x 4	2.5	0.8	12.7	4.95	290	44
4 x 6	3.0	0.8	14.1	3.30	385	60

Construction	Approximate conductor diameter	Insulation medium thickness	Max external diameter	Max electric resistance at 20°C	Approximate cable weight	Current carrying capacities in air 30°C
n x mm <sup>2</sup>	mm	mm	mm	Ohm/km	kg/km	(A)
5 x 1	1.3	0.7	9.5	19.50	140	19.5
5 x 1.5	1.6	0.7	10.4	13.30	177	26
5 x 2.5	1.9	0.8	12.4	7.98	265	35
5 x 4	2.5	0.8	14.3	4.95	370	44
5 x 6	3.0	0.8	15.7	3.30	480	60

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