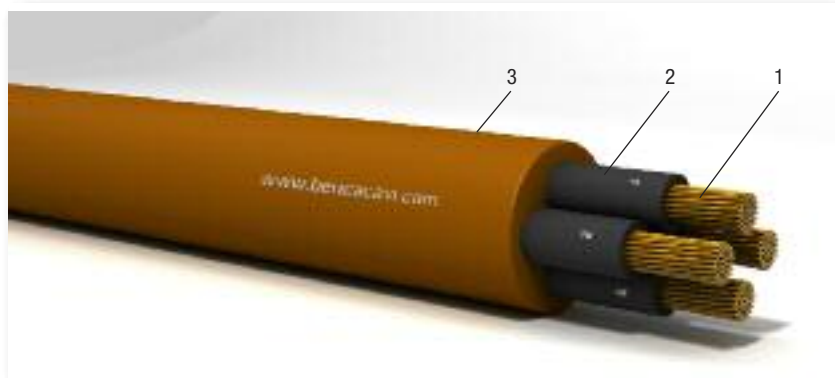


Power, controls and signaling cables, fire retardant and low halogens emission



1. Conductor
2. Insulation
3. Sheath

CPR
EU 305/2011

Cca-s3,d1,a3

APPLICATION: Suitable for energy transport , signaling and control in the connections to the mobile equipment. In environments that do not face with high risk of fire as buildings intended for civil use, with a fire height less than 24 m, waiting room, bar, restaurant, medical studio. **(Low risk - bunch laying)**

INSTALLATION: For fixed and mobile indoor installation in dry or wet environments and temporarily outdoor. They can be installed in cable trays, pipes, conduits and similar systems. Not for direct burial.

FEATURES	DESCRIPTION	STANDARDS
Conductors:	annealed red copper	CEI EN 60228 (Tab. 9)
Insulation:	PVC, S18 quality	CEI 20-11/0-1 (CEI EN 50363)
Cores colour:	UNEL 00722 or balck numbered	UNEL 00722
Sheath:	PVC, R18 quality	CEI 20-11/0-1 (CEI EN 50363)
Sheath colour:	Brown RAL 8003	
Low halogens emission:	(< 22 %)	CEI EN 50267-2-1 - IEC 60754-1
Oil resistant:		CEI 20-34/0-1
DC resistance:		CEI EN 60228 (Tab. 9)
Current capacity:		CEI 20-40
Rated voltage Uo/U:	300/500 V	
Max. voltage:	550 V	
Testing voltage:	2000 V	
Max working temperature:	70 °C	
Short-circuit temperature:	160 °C	
Min. installation temperature:	-15 °C	
Bending radius:	Ø x 6	
Max standard twisting (2x cable):	≥ 10 twists/meter	
REGOLATION (UE) 305/2011		
AVCP System :	1+	EN 50575:2014 + A1:2016
Classification :	Cca-s3,d1,a3	UNI EN 13501-6
Cca :	Heat release and flame spread(FS ≤ 2m)	EN 50399
s3 :	Smoke production (not s1 or s2)	EN 50399
d1 :	No flaming droplets/particles persisting longer than 10 s	EN 50399
a3 :	Gas acidity (not a1 or a2)	EN 50267-2-3
	Flame propagation (H ≤ 425 mm)	EN 60332-1-2
Printing:	BERICA CAVI S.P.A. ITALY FS180R18 300/500V CEI UNEL 35720 Cca-s3,d1,a3 CE Type -Year/Lot - 00000 m .	

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