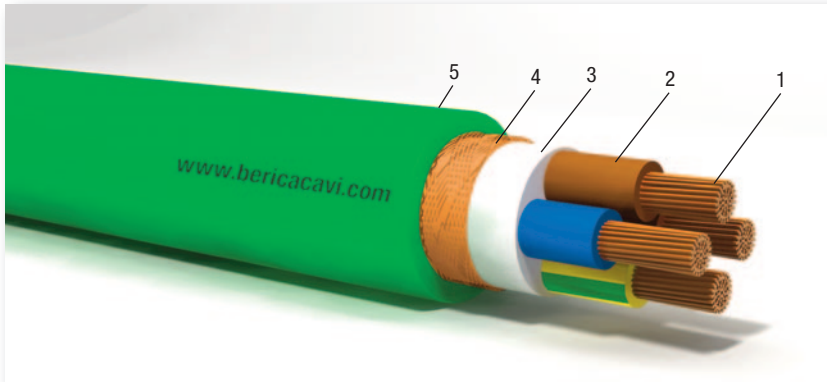


**Power, controls and signalling cables with red copper braid shield, fire retardant and halogen free.**



1. Conductor
2. Insulation
3. Inner sheath
4. Shield
5. Identification thread
6. Outer sheath

**APPLICATION:** Suitable for the transport of energy and the transmission of signals and controls in fire risk areas and with a lot of people like schools, offices, theaters, subways, hospitals, places of worship, shopping centers and places of public entertainment, when it is required a high degree of electromagnetic interference protection.

**INSTALLATION:** For fixed indoor and outdoor installation even in wet environments. They can be installed on wall and metal structures, on platforms, pipes, conduits and similar systems. Cable for direct and indirect burial.

FEATURES	DESCRIPTION	STANDARDS
Conductors :	annealed red copper cl.5	CEI EN 60228 (Tab. 9)
Insulation :	LSZH compound, G7 quality	CEI EN 50363
Cores colour :		CEI UNEL 00722 - HD 308
Inner sheath :	LSZH compound, M1 quality	CEI EN 50363
Shield :	braid of annealed red copper	CEI 20-13
Identification thread :	C type	
Outer sheath :	LSZH compound, M1 quality	CEI EN 50363
Outer sheath colour :	green RAL 6018	
Fire retardant :		CEI EN 60332-3-24
Flame retardant :		CEI EN 60332-1-2
Halogen free :	(< 0,5 mg/g - 0,5%)	CEI EN 50267-2-1/2 - IEC 60754-1/2
Low toxic gases emission :	(toxicity index < 2%)	CEI 20-37/4-0
Low smoke emission :	(transmittance > 60%)	CEI EN 61034-2
DC resistance :	according to	CEI EN 60228 (Tab. 9)
Current capacity :		CEI UNEL 35024/1 - CEI UNEL 35026
Rated voltage U <sub>0</sub> /U:	0,6/1 kV	
Max. voltage :	1,2 kV	
Testing voltage :	4 kV	
Max working temperature :	90 °C	
Short-circuit temperature :	250 °C	
Min. installation temperature :	0 °C	
Bending radius :	Ø x 8	
Max standard twisting (2x cable) :	≥ 10 twists/meter	
Printing :	BERICA CAVI S.P.A. ITALY FG70H2M1 0,6/1 kV CEI 20-13 CEI 20-22 III cat. C CE Year/Lot - Type - 00000 m	

