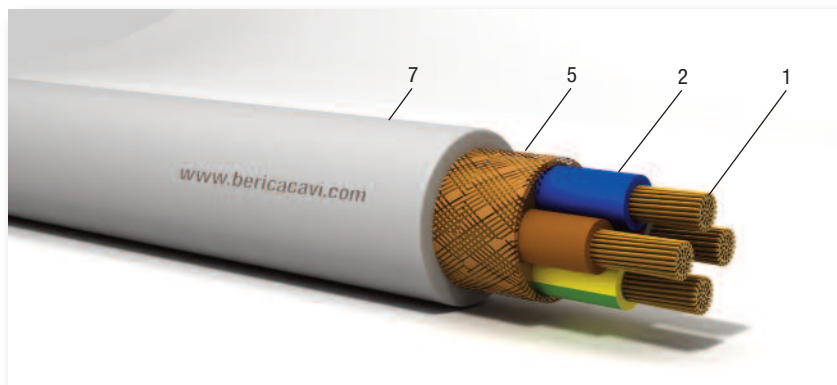


Power, control and signaling cables, red copper braid shield, fire retardant and low halogens emission.


1. Conductor
2. Insulation
3. Shield
4. Sheath

CPR
EU 305/2011

Cca-s3,d1,a3

APPLICATION: Suitable for energy transport and the transmission of signals and controls where a certain level of protection against electromagnetic interference is required. 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 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, G16 quality	CEI EN 50363
Cores colour:		CEI UNEL 00722 - HD 308
Shield:	braid of annealed red copper	
Sheath:	PVC, R16 quality	CEI EN 50363
Sheath colour:	grey RAL 7035	
Low halogens emission:	(< 22%)	CEI EN 50267-2-1 - IEC 60754-1
Current capacity:		CEI UNEL 35024/1 - CEI UNEL 35026
Rated voltage U ₀ /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 twist/meter	

REGULATION (UE) 305/2011

System AVCP :	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 FG160H2R16 0,6/1 kV Cca-s3,d1,a3 CE Type- Year/Lot - 00000 m	

Power, control and signaling cables, red copper braid shield, fire retardant and low halogens emission.

TYPE Nr x mm ²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
2x1,5	8,9	95	B12C02150
3G1,5	9,3	122	B12C03150
4G1,5	10,3	148	B12C04150
5G1,5	11,2	174	B12C05150
7G1,5	12,2	225	B12C07150
10G1,5	15,1	312	B12C10150
12G1,5	16,0	365	B12C12150
16G1,5	17,7	458	B12C16150
19G1,5	18,6	524	B12C19150
24G1,5	21,2	653	B12C24150
2x2,5	9,8	122	B12C02250
3G2,5	10,3	153	B12C03250
4G2,5	11,3	193	B12C04250
5G2,5	12,3	229	B12C05250
7G2,5	13,5	303	B12C07250
10G2,5	16,8	427	B12C10250
12G2,5	17,7	492	B12C12250
16G2,5	19,8	633	B12C16250
2x4	11,1	163	B12C02400
3G4	11,7	210	B12C03400
4G4	12,9	265	B12C04400
5G4	14,2	326	B12C05400
2x6	12,3	209	B12C02600
3G6	13,3	287	B12C03600
4G6	14,5	359	B12C04600
5G6	16,0	440	B12C05600
2x10	14,6	307	B12C021000
3G10	15,4	412	B12C031000
4G10	17,1	529	B12C041000
2x16	17,2	444	B12C021600
3G16	18,2	604	B12C031600
4G16	20,2	780	B12C041600
2x25	20,6	64	B12C022500
3G25	22,1	900	B12C032500
4G25	24,2	1154	B12C042500