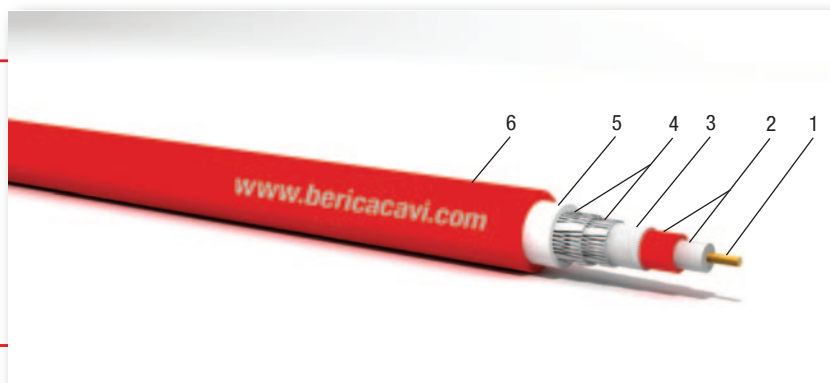


Coaxial cables for video signal transmission, fire resistant, flame retardant, halogen free.

1. Conductor
2. Insulation
3. Flame protection
4. Shield
5. Inner sheath
6. Outer sheath



APPLICATION: Suitable for the connection between camera and recorder in television closed-circuit systems when there is the need to ensure the transmission of the signal even in the presence of fire.

INSTALLATION: For fixed indoor installation, without protection or in pipes, conduits and similar closed systems.

FEATURES	DESCRIPTION	STANDARDS
Conductor :	annealed red copper 0,65 mm	
Insulation :	low density polyethylene LDPE	
Insulation :	ceramifiable silicone rubber	
Flame protection :	glass-fibre tape	
Shield :	double braid of annealed red copper	EN 50117-2-4 screening cl.A
Inner sheath:	LSZH compound	
Outer sheath :	LSZH compound, M1 quality	CEI EN 50363
Outer sheath colour :	red Ral 3000	
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 smoke emission :	(transmittance > 60%)	CEI EN 61034-2
Fire resistant :	duration 30 min. at temperature of 830 °C (- 0 ÷ + 40 °C)	CEI EN 50200
Fire resistant :	(E30)	DIN VDE 4102-12
Fire resistant :	duration 180 min. at temperature of 750 °C (FE 180)	IEC 60331-21 - VDE 472-814
Fire resistant :		BS 6387 Cat. CWZ
Capacitance :	of the order of 75 nF/km	
Inductance :	of the order of 0,50 mH/km	
Testing voltage :	7 kVac	
Max working temperature :	90 °C	
Min. installation temperature :	0 °C	
Bending radius :	Ø x 14	
Printing:	BERICA CAVI S.P.A. ITALY Formazione FR Year/Lot	

ATTENUATION						
MHz	0,5	1	5	10	100	300
dB/100 m	0,7	1,1	2,6	3,6	14,3	31,6

TYPE	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
RG 59 B/U FR	10,3	154,0	B40RG59FR