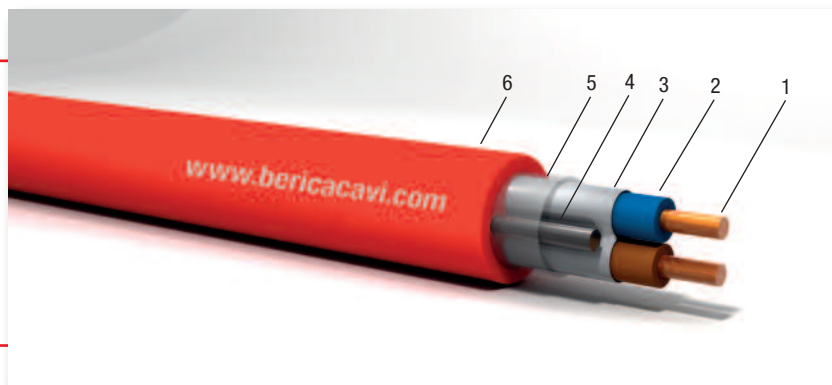


**Cables for emergency lighting, alarm and fire detection systems, Al/Pet tape screen, fire resistant, low emission of smoke and corrosive gases.**



1. Conductor
2. Insulation
3. Screen
4. Protective conductor
5. Binder tape
6. Sheath



**APPLICATION:** Suitable for use in emergency lighting, fire detection and fire alarm system circuits, vocal alarm systems and emergency voice communication systems.

**INSTALLATION:** The cables are intended for installation in air (which includes installation in trunking or other closed systems).

FEATURES	DESCRIPTION	STANDARDS
Conductors:	annealed red copper cl. 1	EN 60228 (Tab. 9)
Insulation:	ceramifiable silicone rubber EI2	
Cores colour:	(2x brown-blue, 3x brown-black-grey, 4x blue-brown-black-grey)	BS 7629-1/2015
Screen:	Al/Pet tape, thickness 9/23 µm, covering > 110%	
Protective conductor:	annealed tinned copper	
Binder tape:	polyester tape	
Sheath:	LSZH compound, LTS3 quality	BS 7655-6.1
Sheath colour:	red RAL 3000	
Flame retardant:		EN 60332-1-2
Halogen free:	(< 0,5 mg/g - 0,5%)	EN 50267-2-1
Low smoke emission:	(transmittance > 80%)	EN 61034-2
Fire resistant:	30 min. with mechanical shock	BS EN 50200
Fire resistant:	15 min. with mechanical shock + 15 min. shock + water	BS EN 50200 - Annex E
Fire resistant:		BS 6387 Cat. CWZ
DC resistance:	according to	EN 60228 (Tab. 9)
Current capacity:		BS 7671
Rated voltage U <sub>o</sub> /U:	300/500 V	
Max voltage:	550 V	
Testing voltage:	2 kV	
Max working temperature:	90 °C	
Max conductor temperature:	180 °C	
Short-circuit temperature:	250 °C	
Min installation temperature:	0 °C	
Bending radius:	Ø x 10	
Printing:	BERICA CAVI S.P.A. ITALY - ELECTRIC CABLE 300/500 V LPCB 1167a/01 BS 7629-1 STANDARD 30 - BS 6387 CWZ - N° cores x section mm <sup>2</sup> - H - CE Year/Lot	

TYPE N° x mm <sup>2</sup>	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE	TYPE N° x mm <sup>2</sup>	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
2x1	7,2	81,0	B7302100	2x2,5	9,7	145,8	B7302250
3x1*	7,7	97,5	B7303100	3x2,5	10,5	182,3	B7303250
4x1*	8,3	117,3	B7304100	4x2,5	11,2	223,0	B7304250
2x1,5	8,4	101,72	B7302150				
3x1,5	8,9	124,6	B7303150				
4x1,5	9,4	151,0	B7304150				

\* Not included in BS 7629-1:2015 and in LPCB approval (any reference to LPCB will be omitted in the marking)