

BERICA CAVI

EUROSAFE PLUS 300/500 V (PH30) BS 7629-1/2008, BS 5839-1

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:		BS 7629-1/2008
Screen:	Al/Pet tape, thickness 9/23 µm, covering > 110%	
Protective conductor:	annealed tinned copper, cross-sect. area as the insulated conductor	
Binder tape:	Pet 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 - BS 8434-1
Fire resistant:		BS 6387 Cat. CWZ
DC resistance:	according to	EN 60228 (Tab. 9)

Current capacity:

BERICA CAVI BS 7671

Rated voltage U_o/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
EUROSAFE PLUS LPCB
1167a/01 Type SCREENED
300/500 V BS 7629-1/2008 BS
6387 CWZ CEI EN 50200 PH 30
CE Year/Lot

TYPE N° x mm ²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
2x1	7,2	81	B7302100
3x1	7,7	98	B7303100
4x1	8,3	117	B7304100
2x1,5	8,4	102	B7302150
3x1,5	8,9	125	B7303150
4x1,5	9,4	151	B7304150
2x2,5	9,7	146	B7302250
3x2,5	10,5	182	B7303250
4x2,5	11,2	223	B7304250

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