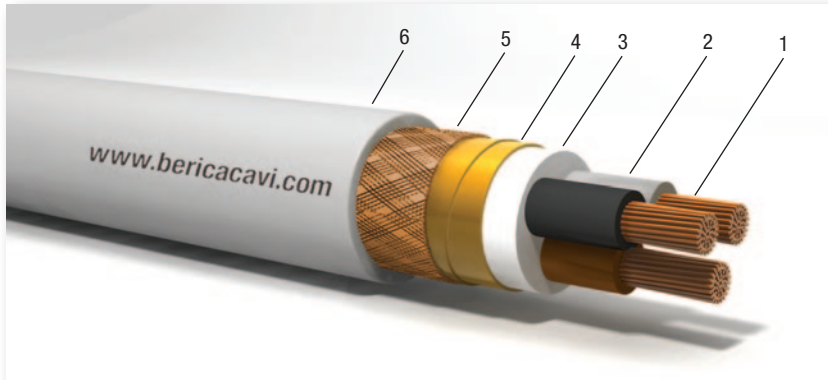


Power cables, Al/Pet tape and red copper braid shield, fire retardant and low halogens emission (anti-fraud).


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

APPLICATION: Suitable for the transport of energy and in particular in photovoltaic systems for the connection between the inverter and the mains power.

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	STANDARD
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 :	thermoplastic compound	CEI EN 50363
Shield :	Al/Pet tape	
Shield :	annealed red copper braid with cross section equal to the phase conductor (for cross sections $\leq 16 \text{ mm}^2$) or equal to half of the phase conductor, with a minimum of 16 mm^2 (for cross sections $> 25 \text{ mm}^2$).	
Outer sheath :	PVC , Rz quality	CEI EN 50363
Outer sheath colour :	grey RAL 7035	
Fire retardant :		CEI 20-22/II
Flame retardant :		CEI EN 60332-1-2
Low halogens emission :	(< 22%)	CEI EN 50267-2-1 - IEC 60754-1
DC resistance :	according to	CEI EN 60228 (Tab. 9)
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 :	$\emptyset \times 8$	
Printing :	BERICA CAVI S.P.A. ITALY FG70HH2R 0,6/1 kV CEI 20-22 II CE Year/Lot Type 00000m	

TYPE N° x mm ²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE	TYPE N° x mm ²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
3x1,5	10,5	156,0	B2403150	3x50	32,4	2180,0	B24035000
3x2,5	11,7	207,0	B2403250	3x70	35,9	2810,0	B24037000
3x4	13,2	285,0	B2403400	3x95	39,5	3680,0	B24039500
3x6	14,9	382,0	B2403600	3x120	45,4	4750,0	B240312000
3x10	17,4	596,0	B24031000	3x150	50,6	5870,0	B240315000
3x16	20,6	870,0	B24031600	3x185	56,4	7190,0	B240318500
3x25	24,5	1220,0	B24032500	3x240	61,9	9280,0	B240324000
3x35	27,6	1530,0	B24033500				