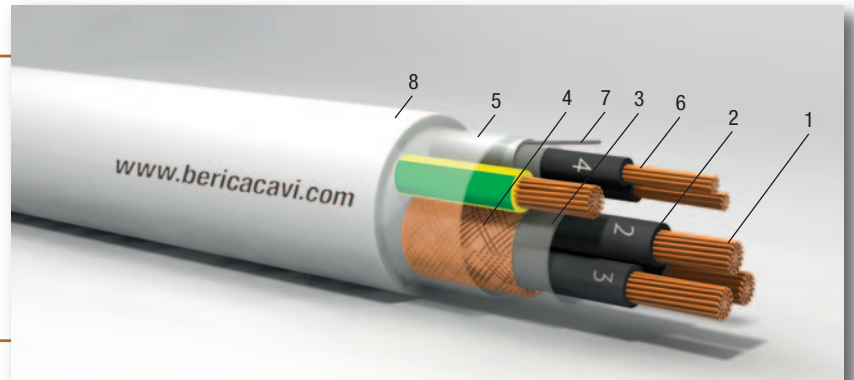


Cables for electric motors controlled by inverter, red copper braid shield, with grounding conductor and screened pair for thermal probe outside from shield, fire retardant and low halogens emission.

1. Conductor
2. Insulation
3. Assembling
4. Shiled
5. Assembling
6. Pair for thermal probe
7. Drain wire
8. Sheath



APPLICATION: Suitable for the transport of energy and in particular for the power supply of electric motors controlled by inverter. The ground conductor external to the shield and the increased coverage of the shield serve to reduce the transmission of electromagnetic noise generated by the motor control.

INSTALLATION: For fixed indoor installation in industrial 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, G7 quality	CEI EN 50363
Cores colour :	black numbered 1-2-3	CEI UNEL 00722 - HD 308
Assembling :	Pet tape	
Shield :	braid of annealed red copper, covering .->80%	
PAIR FOR THERMAL PROBE		
Conductors :	annealed red copper sect. 1 mm ²	CEI EN 60228 (Tab. 9)
Insulation :	LSZH compound, G7 quality	CEI EN 50363
Cores colour :	black numbered 4-5	CEI UNEL 00722 - HD 308
Assembling :	Pet tape	
Drain wire:	annealed tinned copper, comp. 7x0,30 mm	
Screen :	Al/Pet tape	
Assembling :	Pet tape	
Sheath :	PVC, TM2 quality	CEI EN 50363
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
Oil resistant :		CEI 20-34/0-1
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 :	Ø x 15	
Printing :	BERICA CAVI S.P.A. ITALY FG7X0H2 Type T+FG7XH Type 0,6/1 kV O.R. CEI 20-22 II CE Year/Lot	

TYPE N° x mm ²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
3x1,5 + 1G1,5 + 2x1	11,7	219,0	B5503150
3x2,5 + 1G2,5 + 2x1	13,2	313,0	B5503250
3x4 + 1G4 + 2x1	15,2	448,0	B5503400
3x6 + 1G6 + 2x1	17,2	591,0	B5503600
3x10 + 1G10 + 2x1	20,5	873,0	B55031000
3x16 + 1G16 + 2x1	23,4	1478,0	B55031600
3x25 + 1G25 + 2x1	29,4	2010,0	B55032500