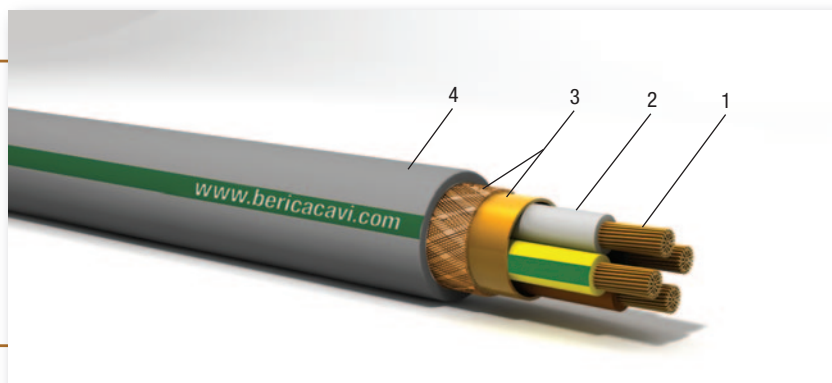


Signalling and control cables, Al/Pet tape and red copper braid shield, fire retardant, halogen free and low emission of smoke and toxic gases.

1. Conductor
2. Insulation
3. Shield
4. Sheath



**APPLICATION:** Suitable for signaling and control in environments with a high risk in case of fire and with a lot of people like fairs, hospitals, cinemas, theaters, offices and so on. The shield protects the cable from electrostatic and electromagnetic interference.

**INSTALLATION:** For fixed and mobile installation in dry or wet environments and temporarily outdoor. They can be installed in cable trays, pipes, conduits and similar systems. Not for direct burial.

FEATURES	DESCRIPTION	STANDARDS
Conductors:	annealed red copper cl.5	CEI EN 60228 (Tab. 9)
Insulation:	LSZH compound, M9 quality	CEI EN 50363
Cores colour:	sect. $\leq 1,00$ DIN 47100 - sect. $\geq 1,50$ or 3G... CEI UNEL 00722	
Shield:	Al/Pet tape (colour red copper)	
Shield:	braid of annealed red copper	
Sheath:	LSZH compound, M1 quality	CEI EN 50363
Sheath colour:	grey RAL 7001 with green line RAL 6018	
Fire retardant:		CEI EN 60332-3-24
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 toxic gases emission:	(toxicity index < 2%)	CEI 20-37/4-0
Low smoke emission:	(transmittance > 60%)	CEI EN 61034-2
DC resistance:	according to	CEI EN 60228 (Tab. 9)
Current capacity:		CEI 20-40
Rated voltage U <sub>0</sub> /U:	450/750 V	
Max voltage:	825 V	
Testing voltage:	2500 V	
Max working temperature:	70 °C	
Short-circuit temperature:	160 °C	
Min. installation temperature:	0 °C	
Bending radius:	$\emptyset \times 8$	
Max standard twisting (2x cable):	$\geq 10$ twist/meter	
Printing:	BERICA CAVI S.P.A. ITALY FM90HH2M1 450/750 V LSZH CEI 20-22 III cat. C CE Year/Lot - Type - 00000 m	

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
2x0,50	5,5	42	B0902050	2x1	6,8	63	B0902100
3x0,50	5,8	50	B0903050	3x1	7,1	80	B0903100
3G0,50	5,8	50	B0903G050	3G1	7,1	80	B0903G100
4x0,50	6,5	61	B0904050	4x1	7,9	96	B0904100
2x0,75	6,3	53	B0902075	2x1,5	7,9	82	B0902150
3x0,75	6,7	67	B0903075	3G1,5	8,3	110	B0903150
3G0,75	6,7	67	B0903G075	4G1,5	9,3	146	B0904150
4x0,75	7,3	81	B0904075				