



■ FG7OHH2R 0,6/1 kV (ANTI -FRAUD)

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

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 :	FG7OHH2R 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	TYPE N° x mm ²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km
3x1,5	10,5	156,0	3x50	32,4	2180,0
3x2,5	11,7	207,0	3x70	35,9	2810,0
3x4	13,2	285,0	3x95	39,5	3680,0
3x6	14,9	382,0	3x120	45,4	4750,0
3x10	17,4	596,0	3x150	50,6	5870,0
3x16	20,6	870,0	3x185	56,4	7190,0
3x25	24,5	1220,0	3x240	61,9	9280,0
3x35	27,6	1530,0			

- Die obigen Werte entsprechen den Angaben des Herstellers und können nicht garantiert werden.
- Wir behalten uns das Recht vor, Änderungen ohne vorherige Ankündigung vorzunehmen.
- Alle anderen Größen oder andere Ausführungen auf Anfrage
- The above values correspond to the manufacturer's specifications and are not guaranteed.
- We reserve the right to change details without notice.
- Any other sizes or any other designs available on request.