



SOLAR ENERGY CABLE H1Z2Z2-K

Instrumentation and Control Cable



Construction	
Conductor	Tinned Flexible Cu Class 5
Insulation	LSZH special compound reticulated (neutral color)
Outer sheath	LSZH special compound reticulated (colors: red and black)
Printing	Eca – IEMMEQU – <HAR> H1Z2Z2-K – [ORDER n. – YY/WW] 001m

Electrical and Mechanical Properties	
Nominal Voltage	1000V (AC) / 1500V (DC)
Test Voltage	6500V (AC)
Maximum Voltage	1200V (AC) / 1800V (DC anche verso Terra)
Maximum Operating Temperature	+90°C / +120°C sul conduttore
Maximum Short Circuit Temperature	+250°C/5s
Maximum Operating Temperature (without mechanical shocks)	-40°C
Minimum installation and use Temperature	-40°C / +90°C
Minimum Bending radius (per diameter)	> 20mm
Maximum Pulling Stress	15N/mm ²

Notes
<p>These cables are suitable for fixed outside installation (direct and undirect buried lay) or for indoor installation without any protections or inside pipes. The cables are Hozone resistant according to EN50396, UV Resistant according to HD605/A1. Water resistant ADS according to CEI EN 50525-2-21. They are tested for durability (more than 25 years) according to EN60216.</p>

Rules
CEI EN 50618 – EN 50575:2014 + EN 50575/A1:2016

Smart Code	Internal Item Nr	Section mm ²	Diameter mm.	Weight Kg/Km
SU-04N	SUHFSN0040FXNEB05	1×4,00	6.60	58.20
SU-04R	SUHFSN0040FXROB05	1×4,00	6.60	58.20
SU-06N	SUHFSN0060FXNEB05	1×6.00	7.40	79.40

SU-06R	SUHFSN0060FXROB05	1×6.00	7.40	79.40
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} The details expressed above have to be considered as an indication.

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