

Solar

(INQ.No.:Date:1403/07/07),(PROPOSAL NO.:WP-47110-00)

Item NO.:4

R05

TECHNICAL SPECIFICATION

TiCu/XLPO/XLSFOH

DESCRIPTION	SPECIFICATION
<u>GENERAL</u>	
Type of Cable	H1Z2Z2-K 1x6 RF mm ²
Applicable Standard(s)	EN 50618
Rated Voltage	1.5 (1.5) kV
<u>CONSTRUCTION</u>	
Conductor Type / Material / Cross Section	Flexible (class 5) / Tinned Copper/6 mm ²
Insulation Thick. (Nom.) / Material	0.7 mm / XLPO
Core Identification	White
* Outer Sheath Thick. (Nom.) / Material / Colour	0.8 mm / Extruded XLSFOH / Black with Red Strip
Overall diameter (Approx.)	6.2 mm
Weight (Approx.)	80 kg/km
<u>ELECTRICAL PROPERTIES</u>	
Max Conductor D.C. Resistance At 20°C	3.39 Ω/km
<u>SPECIAL PROPERTIES</u>	
Low Smoke	IEC 61034 (Min. 60%)
Fire Retardant	IEC 60332-1
Halogen Acid Gas	IEC 60754-1,2 (Max. 0.5%)
UV Resistant	UL 1581 Section 1200
<u>INSTALLATION GUIDES</u>	
Min. Temp. During Installation	-5 °C
Max. Pulling Tension by pulling head	300 N
Min. Bending Radius After installation	6 O.D
<u>MARKING</u>	
ABHAR CABLE 1x6 RF SQMM H1Z2Z2-K 1.5 kV HALOGEN FREE EN 50618 METER	

001-954-497 / WSF05-03

*For selection of cable glands,consult the manufacturer for exact cable diameter allowance

Approve1	Approve2
R.R	R.R