

Instrumentation Cable

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

Item NO.:5

R04

TECHNICAL SPECIFICATION

Cu/SIR/OSCR/SIR/LSFOH

DESCRIPTION	SPECIFICATION
<u>GENERAL</u> Type of Cable Applicable Standard(s) Rated Voltage	Instrumentation 1x2x1.5 RE + 1x1.5 mm ² BS 7629-1 500 V
<u>CONSTRUCTION</u> Conductor Type / Material / Cross Section Insulation Thick. (Nom.) / Material Pair Identification Overall wrapping Material / Thickness Drain Wire Type / Material Overall screen Material / Thickness Overall wrapping Material / Thickness Filler Thick. (Nom.) / Material * Outer Sheath Thick. (Nom.) / Material / Colour Overall diameter (Approx.) Weight (Approx.)	Solid (class 1)/Plain Annealed Copper/1.5 mm ² 0.7 mm / SIR Blue, Brown Polyester Tape / 0.036 mm Tinned Copper Al Foil (Aluminium Side-Down) / 0.024 mm Polyester Tape / 0.036 mm 0.5 mm / SIR 0.9 mm / Extruded LSFOH / Red 8.6 mm 120 kg/km
<u>ELECTRICAL PROPERTIES</u> Max Conductor D.C. Resistance At 20°C Inductance Mutual Capacitance	12.1 Ω/km Max. 1 mH/km 125 nF/km
<u>SPECIAL PROPERTIES</u> Low Smoke Flame Retardant Fire Retardant Halogen Acid Gas UV Resistant	IEC 61034 (Min. 60%) IEC 60332-1-2 IEC 60332-3-24 (Cat. C) IEC 60754-1,2 (Max. 0.5%) UL 1581 Section 1200
<u>INSTALLATION GUIDES</u> Min. Temp. During Installation Min. Bending Radius After installation	-5 °C 8 O.D
<u>MARKING</u> Abhar Cable Fire resistance electric cable 1x2x1.5 RE +1.5 mm ² 300/500 V Year METER	

001-950-466 / WSF05-03

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

Approve1	Approve2
Admin	Admin