



TECHNICAL SPECIFICATION
Cu/MGT/XLPE/OSCR/LSFOH

Fire Resistant Cable
(INQ.No:,Date:1399/06/11),(PROPOSAL NO.:LZ-42703-00)

DESCRIPTION	SPECIFICATION
<u>GENERAL</u> Type of Cable Applicable Standard(s) Rated Voltage	Fire Resistant 1x2x1.5 RM + 1x0.5 mm ² EN 50288-7 500 V
<u>CONSTRUCTION</u> Conductor Type / Material / Cross Section Fire Barrier Tape Material Insulation Thick. (Nom.) / Material Pair Identification Overall wrapping Material / Thickness Drain Wire Type / Material Overall screen Material / Thickness Overall wrapping Material / Thickness * Outer Sheath Thick. (Nom.) / Material / Colour Overall diameter (Approx.) Weight (Approx.)	Stranded (class 2) / Plain Annealed Copper/1.5 mm ² Mica Glass tape 0.6 mm / XLPE Black, White Polyester Tape / 0.036 mm Tinned Copper Al Foil (Aluminium Side-Down) / 0.024 mm Polyester Tape / 0.036 mm 0.9 mm / Extruded LSFOH / Red 8.7 mm 90 kg/km
<u>ELECTRICAL PROPERTIES</u> Max Conductor D.C. Resistance At 20°C Inductance L/R Ratio Mutual Capacitance Capacitance Unbalance	12.1 Ω/km Max. 1 mH/km Max. 40 μH/Ω Max. 120 nF/km Max. 500 PF/500M
<u>SPECIAL PROPERTIES</u> Low Smoke Flame Retardant Fire Retardant Fire Resistant Halogen Acid Gas UV Resistant	IEC 61034 (Min. 60%) IEC 60332-1-2 IEC 60332-3-24 (Cat. C) IEC 60331-23 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

MARKING

ABHAR CABLE YEAR 1x2x1.5 RM SQMM INSTRUMENT 500 V FIRE RESISTANT EN 50288-7 METER