



APPROX DIAMETER 28.6 MM
 ± 0.5 MM

COMPONENT DETAILS :

INSULATED CORE DIAMETER (2.5SQMM) 3.0 MM
FIBRE OPTIC TUBE DIAMETER 4.0 MM

PHYSICAL DETAILS :

OVERALL DIAMETER 28.6 MM
LAYED UP SIZE OF CABLE 24.6 MM
R.T. PU SHEATH 2.0 MM
WEIGHT OF CABLE IN AIR 1090 KG/KM
WEIGHT OF CABLE IN WATER 432 KG/KM
MINIMUM BEND RADIUS (STATIC) 228 MM
MINIMUM BEND RADIUS (DYNAMIC) 343 MM

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ELECTRICAL CHARACTERISTICS :

WORKING VOLTAGE 600 VOLTS
MAXIMUM CONDUCTOR RESISTANCE 8.21 OHMS/KM
INSULATION RESISTANCE CORE TO CORE >500 M/OHMS /KM
INSULATION RESISTANCE CORE TO SHIELD >500 M/OHMS /KM
INSULATION RESISTANCE SHIELD TO SHIELD >10 M/OHMS /KM

CABLE CONSTRUCTION		
ITEM	DESCRIPTION	QTY
A	2.5SQMM TWISTED SCREENED PAIR (50/0.25, HDPE INSUL.)	10
B	FIBRE OPTIC CABLE (GEL FILLED PBT TUBE CONTAINING 12 FIBRES, 50/125,MULTIMODE)	2
C	FILLERS	
D	POLYURETHANE SHEATH (R.T 2.0MM)	

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FLEXIBLE SOLUTIONS FOR HARSH ENVIRONMENTS

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