



APPROX DIAMETER 21.6 MM
 ± 0.5 MM

CABLE CONSTRUCTION		
ITEM	DESCRIPTION	QTY
A	1.0sqmm CONDUCTOR (32/0.2, MDPE INSUL.)	11
B	0.5sqmm TWISTED SCREENED QUAD (16/0.2, MDPE INSUL.)	4
C	RG59 COAXIAL (75OHM)	3
D	FILLERS AS REQUIRED	
E	ZEROHALOGEN FLAME RETARDANT POLYURETHANE SHEATH (R.T 2.5MM)	

COMPONENT DETAILS :

INSULATED CORE DIAMETER (0.5sqmm)	1.55 MM
INSULATED CORE DIAMETER (1.0sqmm)	2.5 MM
COAXIAL DIAMETER	3.8 MM

PHYSICAL DETAILS :

OVERALL DIAMETER	21.6 MM
LAYED UP SIZE OF CABLE	16.6 MM
R.T. PU SHEATH	2.5 MM
WEIGHT OF CABLE IN AIR	531 KG/KM
WEIGHT OF CABLE IN WATER	155 KG/KM
MINIMUM BEND RADIUS (STATIC)	172 MM
MINIMUM BEND RADIUS (DYNAMIC)	259 MM
OPERATING TEMPERATURE	-40°C +80°C

ELECTRICAL CHARACTERISTICS :

0.5sqmm

WORKING VOLTAGE	750 VOLTS
MAXIMUM CONDUCTOR RESISTANCE	40.1 OHMS/KM

1.0sqmm

WORKING VOLTAGE	750 VOLTS
MAXIMUM CONDUCTOR RESISTANCE	20.0 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

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FLEXIBLE SOLUTIONS FOR HARSH ENVIRONMENTS

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