



APPROX DIAMETER 12.5 MM
±0.5 MM

CABLE CONSTRUCTION		
ITEM	DESCRIPTION	QTY
A	75ohm RG59 HYBRID COAXIAL (IMPROVED FLEX AND CRUSH RESISTANCE)	1
B	0.5sqmm CONDUCTOR (16/0.2, HDPE INSUL.)	6
C	0.5sqmm TWISTED SCREENED PAIR (16/0.2, HDPE)	1
D	HOT MELT ENCAPSULATE BEDDING SHEATH	
E	POLYESTER FIBRE BRAID (SWL 150KG)	
F	POLYURETHANE SHEATH (R.T 1.6MM)	

COMPONENT DETAILS :

INSULATED CORE DIAMETER (0.5sqmm)	1.55 MM
COAXIAL DIAMETER	4.4 MM

PHYSICAL DETAILS (NOMINAL) :

OVERALL DIAMETER	12.5 MM
LAYED UP SIZE OF CABLE	7.2 MM
R.T. PU SHEATH	1.6 MM
WEIGHT OF CABLE IN AIR	185 KG/KM
WEIGHT OF CABLE IN WATER	58 KG/KM
MINIMUM BEND RADIUS (STATIC)	112 MM
MINIMUM BEND RADIUS (DYNAMIC)	162 MM
SAFE WORKING LOAD	150 KGS

ELECTRICAL CHARACTERISTICS :

WORKING VOLTAGE	500 VOLTS
MAXIMUM CONDUCTOR RESISTANCE	40.1 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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