



APPROX DIAMETER 19.1 MM
 ± 0.5 MM

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COMPONENT DETAILS :

INSULATED CORE DIAMETER (UTP)	1.45 MM
INSULATED CORE DIAMETER (STP)	1.2 MM

PHYSICAL DETAILS :

OVERALL DIAMETER	19.1 MM
LAYED UP SIZE OF CABLE	14.4 MM
R.T. PU SHEATH	2.0 MM
WEIGHT OF CABLE IN AIR	339 KG/KM
WEIGHT OF CABLE IN WATER	46 KG/KM
MINIMUM BEND RADIUS (STATIC)	191 MM
MINIMUM BEND RADIUS (DYNAMIC)	267 MM
VECTRAN SAFE WORKING LOAD	300 KGS

ELECTRICAL CHARACTERISTICS :

0.22sqmm

WORKING VOLTAGE	250 VOLTS
MAXIMUM CONDUCTOR RESISTANCE	92.4 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	CAT7 S/FTP (4PR SCREENED)	1
B	0.22sqmm TWISTED SCREENED PAIR (7/0.2, HDPE INSUL. + TCWB SCREEN)	2
C	0.22sqmm TWISTED PAIR (7/0.2, HDPE INSUL.)	7
D	VECTRAN STRENGTH MEMBER (SWL 300KG)	
E	TINNED COPPER WIRE BRAID SCREEN	
F	FILLERS	
G	POLYURETHANE SHEATH (R.T 2.0MM)	

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FLEXIBLE SOLUTIONS FOR HARSH ENVIRONMENTS

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DRWG BY : D.GILL