



**APPROX DIAMETER 17.1 MM**  
**±0.5 MM**

COMPONENT DETAILS :

INSULATED CORE DIAMETER	3.3 MM
FIBRE TUBE DIAMETER	2.8 MM

PHYSICAL DETAILS :

OVERALL DIAMETER	17.1 MM
LAYED UP SIZE OF CABLE	8.0 MM
R.T. PU BEDDING SHEATH	1.5 MM
R.T. PU SHEATH	1.8 MM
WEIGHT OF CABLE IN AIR	366 KG/KM
WEIGHT OF CABLE IN WATER	131 KG/KM
MINIMUM BEND RADIUS (STATIC)	171 MM
MINIMUM BEND RADIUS (DYNAMIC)	256 MM
MINIMUM BREAK STRENGTH	1200 KGS

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	PBT TUBE GEL FILLED CONTAINING 2 x SM (9/125) + 2 x MM (62.5/125) COLOUR CODED	1
B	2.5sqmm CONDUCTORS (50/0.2, MDPE INSUL.)	3
C	FILLERS AS REQUIRED	
D	VECTRAN BRAID (B.S 1200 KG)	
E	TINNED COPPER WIRE BRAID (85% COV.)	
F	GALVANISED STEEL WIRE BRAID	
G	ZERO HALOGEN FLAME RETARDANT POLYURETHANE BEDDING SHEATH (R.T 1.5MM)	
H	ZERO HALOGEN FLAME RETARDANT POLYURETHANE OUTER SHEATH NEK606 MUD&OIL RESISTANT (R.T 1.8MM)	

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**FLEXIBLE SOLUTIONS FOR HARSH ENVIRONMENTS**

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