



APPROX DIAMETER 14.0 MM
±0.5 MM

CABLE CONSTRUCTION		
ITEM	DESCRIPTION	QTY
A	1.5sqmm CONDUCTOR (30/0.25, HDPE INSUL.)	4
B	0.24sqmm (19/0.127MM 8C) CAT5E FOIL TAPE SCREENED DATA PAIRS HME ENHANCED	4
C	0.24sqmm DRAIN WIRES	2
D	HOT MELT ENCAPSULATE BEDDING LAYER	
E	HALOGEN FREE POLYURETHANE SHEATH (R.T 1.7MM)	

COMPONENT DETAILS :

INSULATED CORE DIAMETER (CAT5E)	1.25 MM
INSULATED CORE DIAMETER (1.5sqmm CENTRE)	3.7 MM
INSULATED CORE DIAMETER (1.5sqmm)	2.9 MM

PHYSICAL DETAILS (NOMINAL):

OVERALL DIAMETER	14.0 MM
DIAMETER OF HME BEDDING	10.6 MM
LAYED UP SIZE OF CABLE	9.5 MM
R.T. PU SHEATH	1.7 MM
WEIGHT OF CABLE IN AIR	226 KG/KM
WEIGHT OF CABLE IN WATER	68 KG/KM
MINIMUM BEND RADIUS (STATIC)	112 MM
MINIMUM BEND RADIUS (DYNAMIC)	168 MM
OPERATING TEMPERATURE	-40°C +80°C
DEPTH RATING	3000MSW

ELECTRICAL CHARACTERISTICS :

1.5sqmm

WORKING VOLTAGE	600 VOLTS
MAXIMUM CONDUCTOR RESISTANCE	13.7 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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