



**APPROX DIAMETER 14.1 MM  
±0.5 MM**

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COMPONENT DETAILS :

D.34SQMM INSULATED CORE DIAMETER	1.4 MM
DIAMETER OF CAT5 CABLE	5.7 MM

PHYSICAL DETAILS :

OVERALL DIAMETER	14.1 MM
LAYED UP SIZE OF CABLE	7.1 MM
R.T. PU BEDDING SHEATH	1.5 MM
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WEIGHT OF CABLE IN AIR	228 KG/KM
WEIGHT OF CABLE IN WATER	68 KG/KM
MINIMUM BEND RADIUS (STATIC)	141 MM
MINIMUM BEND RADIUS (DYNAMIC)	197 MM

ELECTRICAL CHARACTERISTICS :

<u>D.34SQMM</u>	
WORKING VOLTAGE	250 VOLTS
MAXIMUM CONDUCTOR RESISTANCE	60.0 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

CABLE CONSTRUCTION		
ITEM	DESCRIPTION	QTY
A	CAT5E FTP PATCH CABLE (26 AWG)	1
B	POWER CONDUCTORS (0.34SQMM, 19/O.15, MDPE INSUL.)	2
C	FILLERS AS REQUIRED	
D	GALVANISED STEEL WIRE BRAID	
E	POLYURETHANE BEDDING SHEATH (R.T 1.5MM)	
F	POLYURETHANE SHEATH (R.T 1.5MM)	

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**FLEXIBLE SOLUTIONS FOR HARSH ENVIRONMENTS**

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DRWG BY : D.GILL