



APPROX DIAMETER 12.0 MM
±0.5 MM

CRAIGEARN BUSINESS PARK
MORRISON WAY
KINTORE, ABERDEENSHIRE
AB51 0TH
TEL : 44 1467 633780
FAX : 44 1467 631284

WEB: WWW.1ST4CABLES.COM / E-MAIL: SALES@1ST4CABLES.COM

COMPONENT DETAILS :

INSULATED CORE DIAMETER 1.6 MM
DIAMETER OF FIBRE TUBE 2.5 MM

PHYSICAL DETAILS :

OVERALL DIAMETER 12.0 MM
LAYED UP SIZE OF CABLE 5.9 MM
R.T. PU BEDDING SHEATH 1.0 MM
R.T. PU SHEATH 1.75 MM
WEIGHT OF CABLE IN AIR 1.78 KG/KM
WEIGHT OF CABLE IN WATER 63 KG/KM

BEND RADIUS :

STATIC 108 MM
DYNAMIC 156 MM

ELECTRICAL DETAILS :

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

CABLE CONSTRUCTION		
ITEM	DESCRIPTION	QTY
A	0.5SQMM CONDUCTOR (16/0.2, HDPE INSUL.)	8
B	FIBRE OPTIC CABLE (GEL FILLED PBT TUBE CONTAINING 3 FIBRES (9/125, SINGLE MODE)	1
C	OVERALL SCREEN	1
D	VECTRA Braid (SWL 250KG, MBL 1250KG)	N/A
E	POLYURETHANE BEDDING SHEATH (R.T 1.0MM)	
F	POLYURETHANE OUTER SHEATH (R.T 1.75MM)	

FLEXIBLE SOLUTIONS FOR HARSH ENVIRONMENTS

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ISSUE NO. :	DATE	DRG. NO. HS-SK 1225
01	07/12/16	DRWG NOT TO SCALE

DRWG BY : D.GILL