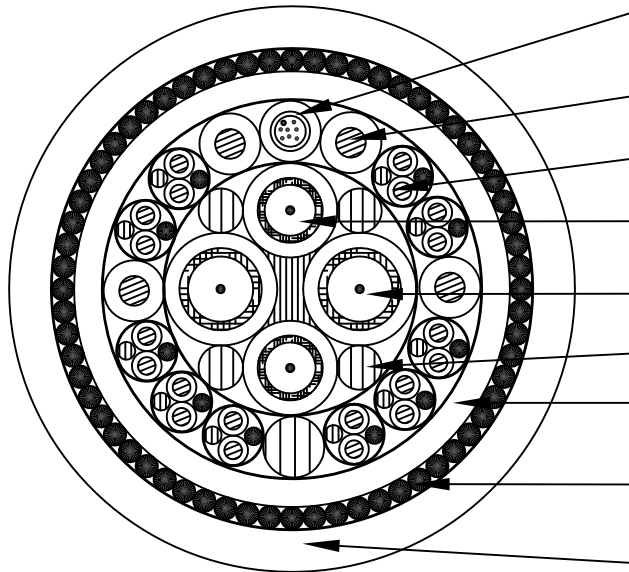


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PART OF THE CABLE & DATA  
SOLUTIONS GROUP LTD



ST/ST FIBRE TUBE C/W 8 FIBRES  
(9/125 SINGLEMODE) + PE JACKET

4 CORES (1.5 SQ MM)

10 TSP'S (0.5 SQ MM)

2 RG58 COAXIALS (50 OHM)

2 RG59 COAXIALS (75 OHM)

SOLID FILLERS

ZHFR PU BEDDING SHEATH  
(R.T 1.5 MM)

STEEL WIRE ARMOUR +  
WRAP OF TAPE

ZHFR PU SHEATH  
(R.T 2.0 MM)

APPROX DIAMETER 30.5 MM  
±0.5 MM

CABLE CONSTRUCTION :

1 ST/ST FIBRE TUBE C/W 8 FIBRES (9/125 SINGLEMODE) & PE JACKET + 4  
CORES (1.5 SQ MM) + 10 TSP'S (0.5 SQ MM) + 2 RG59 COAXIALS (75 OHM)  
+ 2 RG58 COAXIALS (50 OHM) + SOLID FILLERS + STEEL WIRE ARMOUR +  
WRAP OF TAPE + ZHFR PU BEDDING SHEATH + ZHFR PU SHEATH

ELECTRICAL DETAILS :

WORKING VOLTAGE  
MAXIMUM CONDUCTOR RESISTANCE  
INSULATION RESISTANCE CORE TO CORE  
INSULATION RESISTANCE CORE TO SHIELD  
INSULATION RESISTANCE SHIELD TO SHIELD

0.5 SQ MM

250 VOLTS  
40.1 OHMS/KM  
>500 M/OHMS /KM  
>500 M/OHMS /KM  
>10 M/OHMS /KM

1.5 SQ MM

1000 VOLTS  
13.7 OHMS/KM  
>500 M/OHMS /KM  
>500 M/OHMS /KM  
>10 M/OHMS /KM

COMPONENT DETAILS :

0.5MM CORE DIAMETER	1.6 MM
1.5MM CORE DIAMETER	3.3 MM
RG58 DIAMETER	5.1 MM
RG59 CORE DIAMETER	6.1 MM
ST/ST FIBRE DIAMETER	3.4 MM

PHYSICAL DETAILS :

OVERALL DIAMETER	30.5 MM
R.T. PU BEDDING SHEATH	1.5 MM
R.T. PU SHEATH	2.0 MM

WEIGHT OF CABLE IN AIR	1417 KG/KM
WEIGHT OF CABLE IN WATER	667 KG/KM

BEND RADIUS :

STATIC	366 MM
DYNAMIC	519 MM

**FLEXIBLE SOLUTIONS FOR HARSH ENVIRONMENTS**

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DRAWING NO : HS-SK 1031

ISSUE NO : 1

DRWG NOT TO SCALE

DRWG BY : J. ROSS