



**APPROX DIAMETER 14.1 MM**  
**±0.5 MM**

| CABLE CONSTRUCTION |   |     |
|--------------------|---|-----|
| ITEM               | DESCRIPTION   | QTY |
| A                  | GEL FILLED PBT TUBE + HDPE JACKET (CONTAINING 6 FIBRES 50/125, MULTIMODE) | 1   |
| B                  | RG58 50OHM COAXIAL (DUAL LAYER TAPE, NO OUTER JACKET)                     | 4   |
| C                  | WATER SWELLABLE YARN FILLERS AS REQUIRED                                  |     |
| D                  | WATER SWELLABLE TAPES   |     |
| E                  | VECTRAN BRAID (B.S 3KN)   |     |
| F                  | ZERO HALOGEN FLAME RETARDANT POLYURETHANE SHEATH (R.T 2.0MM)              |     |

COMPONENT DETAILS :

|                        |         |
|------------------------|---------|
| FIBRE TUBE DIAMETER    | 3.65 MM |
| DIAMETER OF RG58 TAPED | 3.65 MM |

PHYSICAL DETAILS :

|                               |             |
|-------------------------------|-------------|
| OVERALL DIAMETER              | 14.1 MM     |
| LAYED UP SIZE OF CABLE        | 10.1 MM     |
| R.T. PU SHEATH                | 2.0 MM      |
| WEIGHT OF CABLE IN AIR        | 235 KG/KM   |
| WEIGHT OF CABLE IN WATER      | 75 KG/KM    |
| MINIMUM BEND RADIUS (STATIC)  | 126 MM      |
| MINIMUM BEND RADIUS (DYNAMIC) | 183 MM      |
| MINIMUM BREAK STRENGTH        | 3 KN        |
| OPERATING TEMPERATURE         | -40°C +80°C |

ELECTRICAL CHARACTERISTICS :

|                                     |       |
|-------------------------------------|-------|
| CHARACTERISTIC IMPEDANCE OF COAXIAL | 50OHM |
|-------------------------------------|-------|

***FLEXIBLE SOLUTIONS FOR HARSH ENVIRONMENTS***

THIS DRAWING AND INFORMATION IS COPYRIGHT TO CABLE SOLUTIONS WORLDWIDE LTD  
THEREFORE INFORMATION MAY NOT BE USED WITHOUT WRITTEN PERMISSION FROM CABLE SOLUTIONS WORLDWIDE LTD

|             |          |                     |
|-------------|----------|---------------------|
| ISSUE No. : | DATE     | DRG. NO. HS-SK 1374 |
| 01          | 21-03-18 | DRWG NOT TO SCALE   |

DRWG BY : D.GILL