



## Features:

Solid polyethylene insulated 7/34 AWG copper covered steel conductors  
Braid screened.  
Black PVC sheathed overall to MIL-C17.  
Use with SMB, SMC and MCX connectors.

## Specification:

|                                  |                     |
|----------------------------------|---------------------|
| Nominal outside diameter         | : 2.8mm.            |
| Capacitance                      | : 101pF/m.          |
| Maximum voltage (core to screen) | : 6kV dc.           |
| (screen to sheath outer)         | : 2.8kV dc.         |
| Maximum RF working voltage       | : 2.1kV peak.       |
| Nominal attenuation (100m)       | : 6.23dB at 400mHz. |

## Specification Table

|                                  |              |
|----------------------------------|--------------|
| Conductor Type*                  | CCS          |
| Conductor Number / Dimensions    | 7/0.16       |
| Insulation                       | Polyethylene |
| Insulation Diameter              | 1.52         |
| Screen Braid**                   | TC           |
| Screen Diameter                  | 1.95         |
| Sheath                           | LSHF         |
| Sheath Diameter                  | 2.8          |
| Weight (Kg/1000m)                | 13           |
| Capacitance (pF/m)               | 100          |
| Impedance ( )                    | 50           |
| Attenuation dB per 100 meters at |              |
| 400MHz                           | 57.5         |
| Velocity Ratio                   | 0.666        |

Dimensions : Millimetres (Unless Specified)

## Key

\*CCS - Copper Covered Steel

\*\*TC - Tinned Copper