

SRFS TELEINFRA



Low Loss RA SMA Male to TNC Female Bulkhead Cable LL160 Coax



| Electrical Specifications | | |
|--------------------------------------|----------------------------|----------------------------|
| Frequency Range | DC-18 GHz | |
| Characteristic Impedance | 50 ohms | |
| VSWR | 1.35:1 | |
| Insertion Loss(Max.) | 0.46[1.51] dB/ft[dB/m] | |
| Velocity of Propagation | 82.5% | |
| RF Shielding | -90 dB | |
| Capacitance | 25[82.02] pF/ft[pF/m] | |
| CABLE | | |
| Cable Type | LL160 | |
| Impedance | 50 Ohms | |
| Inner Conductor Type | Solid | |
| Inner Conductor Material and Plating | Copper, Silver | |
| Dielectric Type | PTFE | |
| Number of Shields | 3 | |
| Shield Layer1 | Silver Plated Copper Tape | |
| Shield Layer2 | Aluminum Polyester | |
| Shield Layer3 | Silver Plated Copper Wire | |
| Jacket Material | FEP | |
| Jacket Diameter | 0.16 in [4.06 mm] | |
| Repeated Minimum Bend Radius | 0.8 in [20.32 mm] | |
| CONNECTORS | | |
| | CONNECTOR1 | CONNECTOR2 |
| Type | SMA Male | TNC Female |
| Polarity | Standard | Standard |
| Mount Method | | Bulkhead |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material & Plating | Beryllium Copper ,Gold | Beryllium Copper ,Gold |
| Dielectric Type | PTFE | PTFE |
| Outer Cond Material & Plating | | Passivated Stainless Steel |
| Coupling Nut Material & Plating | Passivated Stainless Steel | |
| Body Material & Plating | Passivated Stainless Steel | Passivated Stainless Steel |
| Operating Range | -55 to + 165 degree C | |



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