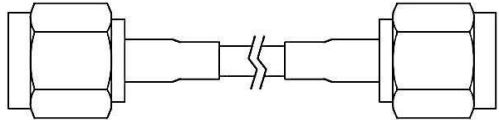
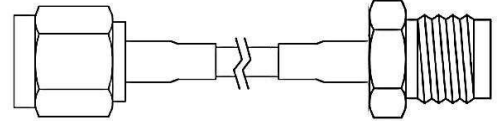
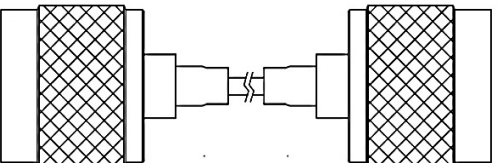
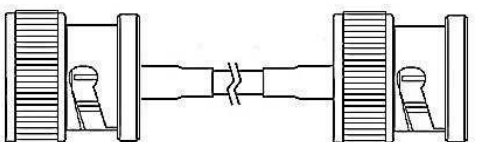
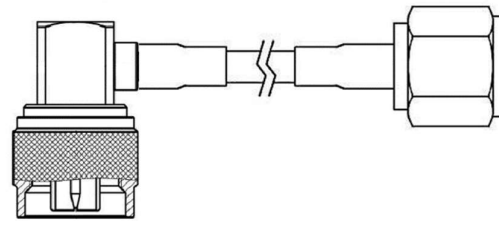
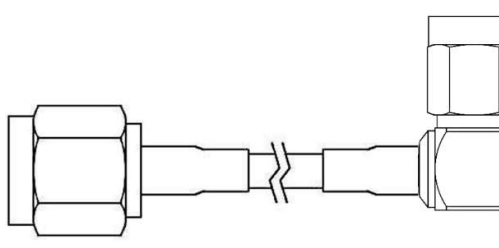


CABLE ASSEMBLY

LOW LOSS FEXIBLE (200LL/LMR200)

| PART NUMBER | DESCRIPTION | OUTLINE |
|------------------|--|--|
| 280280.200LL.XX | SMA Male To SMA Male, 200LL/ L: XXcm |  |
| 280290.200LL.XX | SMA Male To SMA Female , 200LL/ L: XXcm |  |
| 260260.200LL.XX | N Male To N Male, 200LL / L: XXcm |  |
| 200200.200LL.XX | BNC Male To BNC Male, 200LL/ L: XXcm |  |
| 262280.200LL. XX | N Male R/A To SMA Male, 200LL Black /L:XXcm |  |
| 280282.200LL. XX | SMA Male To SMA Male R/A, 200LL Black /L: XXcm |  |

NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY



***Definition of Length: “XX”**

When total cable length $\leq 30\text{CM}$, the length cable is referring to exclude two terminal length of connector.
When total cable length $>30\text{CM}$, the length cable is referring to include two terminal length of connector.

****Definition of Tolerance**

Length $\leq 10\text{cm}$: $\pm 0.5\text{cm}$, Length $\leq 30\text{cm}$: $\pm 1.0\text{ cm}$, Length $\leq 50\text{cm}$: $\pm 2.0\text{ cm}$,
Length $\leq 100\text{cm}$: $\pm 2.5\text{ cm}$, Length $> 101\text{cm}$: $\pm 3.0\text{cm}$

| | | |
|---------------------------------|--|---|
| Optional Code | A | Brass Tubing (Glued Heat Shrinkable Tube) |
| Estimate of Cable Assembly loss | Cable assembly loss = Connector loss + Assembly loss + Cable loss Connector Loss: $0.08 \times \sqrt{\text{Frequency}} \times 2$ (2 connectors) Assembly Loss: $0.12 \times 2(\text{sides})$ Cable Loss: per cable attenuation (Max.) * Cable length | |

NOTES:

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COAXIAL CABLE

LOW LOSS FEXIBLE

MCBL-200LL.50

Features

- ✓ Frequency up to 3GHz
- ✓ Low signal attenuation

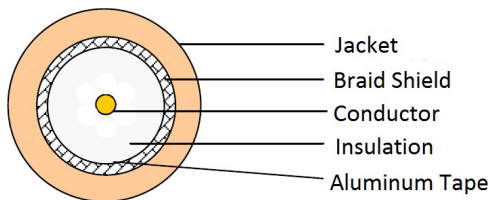


Specifications

| CONSTRUCTION | | |
|------------------|---------------|----------------|
| ITEM | MATERIAL | DIAMETER |
| CENTER CONDUCTOR | Solid BC | 1.12 mm± 0.003 |
| INSULATION | FRPE+LDPE | 2.95 mm± 0.1 |
| TYPE | Aluminum Tape | 3.07 mm |
| BRAID SHIELD | TC | 3.66 mm |
| JACKET | PE | 4.95 mm± 0.1 |

| ELECTRICAL DATA | |
|---------------------|---------------|
| ITEM | SPECIFICATION |
| Cutoff Frequency | 3GHz |
| Coverage | 92% |
| Dielectric Constant | 1.45 |
| Capacitance (pF/m) | 80.3 |

| MAXIMUM ATTENUATION | |
|---------------------|---------------------|
| FREIEMCY | ATTENUATION (dB/1M) |
| 13.5MHz | 0.8 |
| 2400MHz | 0.95 |
| 3000MHz | 1.10 |



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