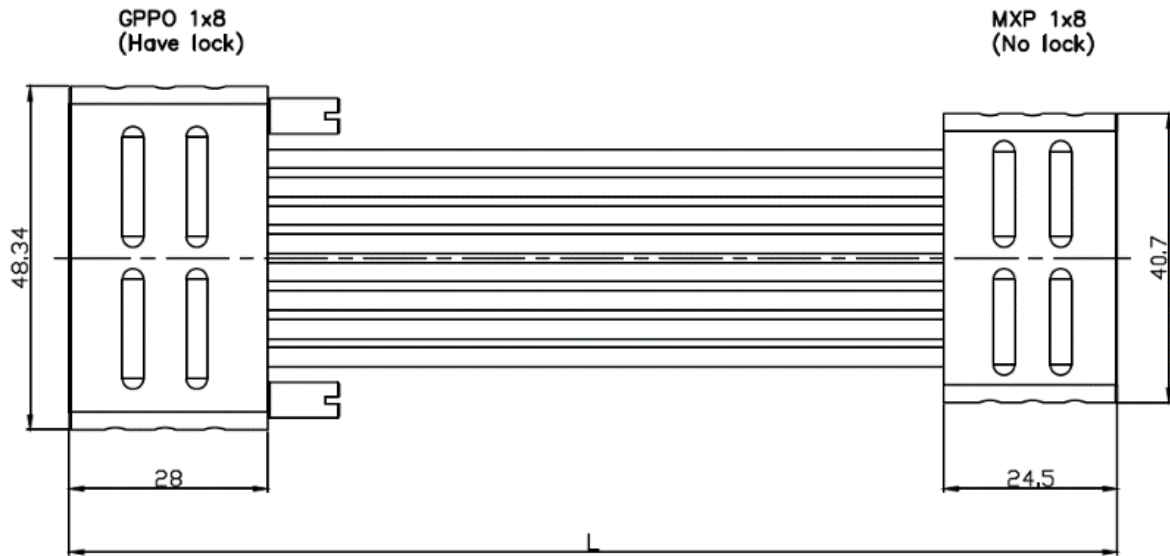


Multi-coaxial Cable Assembly Datasheet



RCHD-HS08-xxxS-4ND1



Configuration

| | |
|------------------|-----------------------------------------|
| Connector 1 Type | GPPO Female |
| Connector 2 Type | HS40 Female |
| Connector Body | Aluminium Alloy/Anodizing |
| Cable Type | Low Loss Stable Phase (With steel wire) |
| Cable Diameter | 2.65mm |

Electrical Characteristics

| | |
|-----------------|--------------------------------|
| Impedance | 50Ω |
| Frequency Range | DC to 40GHz |
| Return Loss | ≥14dB, DC to 40GHz |
| Insertion Loss | ≤4.9/1000*L+1.0dB, DC to 40GHz |
| Phase Mating | ±2ps |

Mechanical Properties

| | |
|-------------------------------------|------------|
| Mechanical Life | 500 cycles |
| Mating Force (Per single channel) | 3.5N Max. |
| Demating Force (Per single channel) | 3.5N Max. |

Environment Data

| | | |
|---------------------|--------------|-----------|
| Working Temperature | -55℃ ~ +125℃ | -40℃ ~ +8 |
|---------------------|--------------|-----------|

Cable Chart

Multi-coaxial Cable Assembly Datasheet



| Connector 1 | Cable Label | Cable Chart | Cable Label | Connector 2 |
|---------------|-------------|-------------|-------------|-------------|
| GPPO TX1-4 | TX1P | | TX3P斜角 | HS40 J4 |
| | TX1N | | TX3N | |
| | TX2P | | TX1P | |
| | TX2N | | TX1N | |
| | TX3N | | TX7P | |
| | TX3P | | TX7N | |
| | TX4N | | TX5P | |
| | TX4P | | TX5N | |
| GPPO RX1-4 | RX1P | | TX6N斜角 | HS40 J5 |
| | RX1N | | TX6P | |
| | RX2P | | TX8N | |
| | RX2N | | TX8P | |
| | RX3N | | TX2N | |
| | RX3P | | TX2P | |
| | RX4N | | TX4N | |
| | RX4P | | TX4P | |
| GPPO TX5-8 | TX5P | | RX6N斜角 | HS40 J6 |
| | TX5N | | RX6P | |
| | TX6P | | RX8N | |
| | TX6N | | RX8P | |
| | TX7N | | RX2N | |
| | TX7P | | RX2P | |
| | TX8N | | RX4N | |
| | TX8P | | RX4P | |
| GPPO RX5-8 | RX5P | RX5N | HS40 J7 | |
| | RX5N | RX5P | | |
| | RX6P | RX7N | | |
| | RX6N | RX7P | | |
| | RX7N | RX1N | | |
| | RX7P | RX1P | | |
| | RX8N | RX3N | | |
| | RX8P | RX3P斜角 | | |

Order Information

| Dloorplf P/N | Dloorplf Description |
|---------------------|---------------------------------------------------------------------------|
| RCHD-HS08-060S-4ND1 | Multi-coaxial Cable Assembly,GPPO(F) to HS40(F),1x8,with steel wire,60cm |
| RCHD-HS08-xxxS-4ND1 | Multi-coaxial Cable Assembly,GPPO(F) to HS40(F),1x8,with steel wire,xxxcm |

