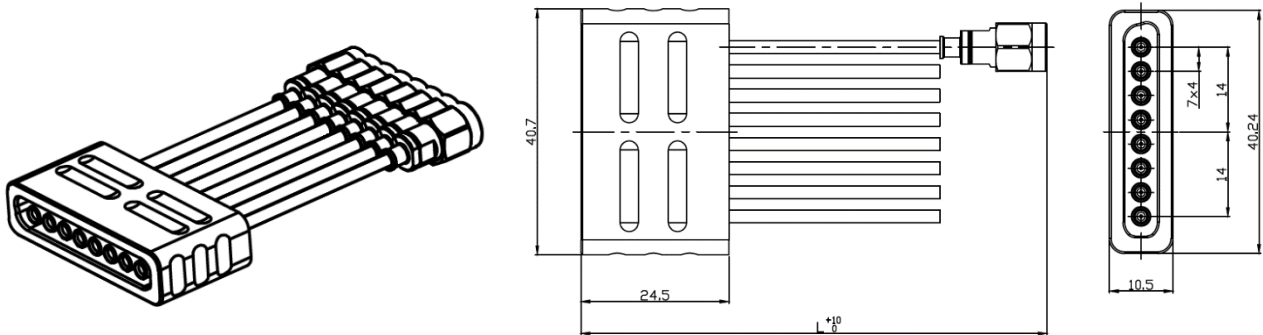


# Multi-coaxial Cable Assembly Datasheet



## RCHD-SD08-xxxS-4ND



### Configuration

|                  |   |
|------------------|---|
| Connector 1 Type | HS40 Female                             |
| Connector 2 Type | 2.92mm Male                             |
| 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+0.5dB, 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℃ |
|---------------------|--------------|

### Order Information

| Dloorplf P/N       | Dloorplf Description   |
|--------------------|--|
| RCHD-SD08-030S-4ND | Multi-coaxial Cable Assembly, HS40(Female) breakout to 2.92(male),1x8, with steel wire, length 30cm  |
| RCHD-SD08-060S-4ND | Multi-coaxial Cable Assembly, HS40(Female) breakout to 2.92(male),1x8, with steel wire, length 60cm  |
| RCHD-SD08-080S-4ND | Multi-coaxial Cable Assembly, HS40(Female) breakout to 2.92(male),1x8, with steel wire, length 80cm  |
| RCHD-SD08-xxxS-4ND | Multi-coaxial Cable Assembly, HS40(Female) breakout to 2.92(male),1x8, with steel wire, length xxxcm |