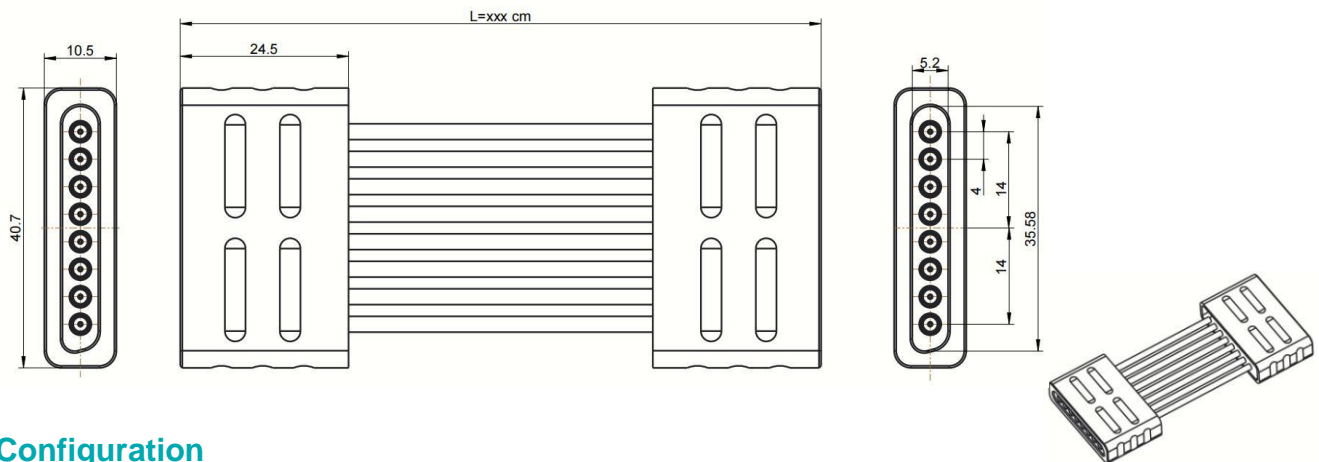


# Multi-coaxial Cable Assembly Datasheet

## RCHD-HD08-xxxS-4N



### Configuration

|                |   |
|----------------|---|
| Connector Type | HS40 Female                                 |
| Connector Body | Aluminium Alloy/Anodizing                   |
| Cable Type     | Low Loss Stable Phase (Internal connection) |
| Cable Diameter | 2.65mm                                      |

### Electrical Characteristics

|                             |   |
|-----------------------------|---|
| Impedance                   | 50Ω   |
| Frequency Range             | DC to 40GHz                                 |
| Return Loss                 | ≥12dB, DC to 40GHz                          |
| Insertion Loss              | ≤0.05dB/cm x Length (cm)+1.2dB, DC to 40GHz |
| Different cable phase Match | ±8 Degree Max                               |

### Mechanical Properties

|                                     |                        |
|-------------------------------------|------------------------|
| Mechanical Life                     | HS40 Female 100 cycles |
| Mating Force (Per single channel)   | 3.5N Max.              |
| Demating Force (Per single channel) | 3.5N Max.              |

### Environment Data

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

### Order Information

| P/N               | Description  |
|-------------------|--|
| RCHD-HD08-015S-4N | Multi-coaxial Cable Assembly, HS40(Female) breakout to HS40(Female),1x8, length 15cm   |
| RCHD-HD08-030S-4N | Multi-coaxial Cable Assembly, HS40(Female) breakout to HS40(Female),1x8, length 30cm   |
| RCHD-HD08-xxxS-4N | Multi-coaxial Cable Assembly, HS40(Female) breakout to HS40(Female),1x8, length xxx cm |