

**Coaxial cable, with 4-cores MQ4 connector Female to NEX10 Male.**

### Electrical specifications

|                       |                                                                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range       | DC to 6 GHz                                                                                                                                                              |
| VSWR                  | $\leq 1.20$ (DC~4.2GHz)<br>$\leq 1.25$ (4.2~5.0GHz)<br>$\leq 1.30$ (5.0~6.0GHz)                                                                                          |
| Insertion loss        | $< (L \times 0.35 + 0.2)$ dB 2.2~2.7GHz<br>$< (L \times 0.43 + 0.2)$ dB 2.7~3.3GHz<br>$< (L \times 0.53 + 0.2)$ dB 3.3~4.2GHz<br>$< (L \times 0.56 + 0.2)$ dB 4.3~5.0GHz |
| Impedance             | 50 $\Omega$                                                                                                                                                              |
| Dielectric strength   | 1500V AC 1 min                                                                                                                                                           |
| Insulation resistance | $\geq 5000M\Omega$                                                                                                                                                       |
| PIM3                  | $\leq -155$ dBc (900MHz, 2*43dBm)                                                                                                                                        |

### Mechanical specifications

|                         |                            |
|-------------------------|----------------------------|
| Connector specification | IEC 61169-16 , IEC 61169-4 |
| Connector type 1        | MQ4 connector female       |
| Connector type 2        | NEX10 Male *4              |
| Cable type              | 1/4" Ultra soft            |
| Cable molding           | Black PE                   |
| Quantity of cable cores | 4                          |
| Minimum bending radius  | 15mm (Single)              |
| Max. tensile strength   | 300N,1Min.                 |
| Mating cycles           | 100                        |
| Operating temperature   | -45 °C to +85 °C           |
| Salt mist               | 96h (IEC 60068-2-11)       |
| Humidity                | $\leq 95\%$                |

