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|------------------------------|-------------------------------|----------|----------------------------|---|-----------|
| Item no. | 99909686 | | Connector type | IECM-56 5.1 SELF INSTALL | |
| | | | For cable | Oren HD 103+ | |
| Frequency Range | 0.3 - 3000 MHz | | Product photo |  | |
| Impedance (Nom.) | 75 Ohm | | | | |
| Amp. Rating (measured) | 8.0 A @10°C increase | | | | |
| (calculated) | 11.3 A @20°C increase | | | | |
| Transfer Impedance (CoMeT) | Class A++ | | | | |
| | <0.9 mΩ/m @ 5-30MHz | | | | |
| | <0.03 mΩ/item @ 5-30MHz | | | | |
| Screening Attenuation(CoMeT) | Class A++ | | | | |
| | >110 dB @ 30-1000MHz | | | | |
| | >110 dB @ 1000-2000MHz | | | | |
| | >105 dB @ 2000-3000MHz | | | | |
| Return Loss (IEC 61169-1) | Better than | Typical | Insertion Loss Max. | Better than | Typical |
| 0.3 - 500 MHz | -22 dB | -24.4 dB | 0.3 - 500 MHz | -0.09 dB | -0.04 dB |
| 500 - 860 MHz | -20 dB | -22.5 dB | 500 - 860 MHz | -0.14 dB | -0.09 dB |
| 860 - 1000 MHz | -19 dB | -21.8 dB | 860 - 1000 MHz | -0.14 dB | -0.09 dB |
| 1000 - 1750 MHz | -17 dB | -19.7 dB | 1000 - 1750 MHz | -0.28 dB | -0.23 dB |
| 1750 - 2150 MHz | -15 dB | -18.1 dB | 1750 - 2150 MHz | -0.37 dB | -0.32 dB |
| 2150 - 3000 MHz | -12 dB | -15.2 dB | 2150 - 3000 MHz | -0.54 dB | -0.49 dB |
| | | | | | |
| | | | | | |
| Temperature | | | Intermodulation | IM3 | IP3-value |
| Installing | -5° to +50° C | | 3rd Order (@2x+27dBm) | -120 dBc | 87 dBm |
| Operating | -40° to +70° C | | | | |
| Storing | -40° to +70° C | | Inner Conductor Resistance | (<1.5 mΩ | |
| | | | (@ 1 A DC) | | |
| Sealing Test | | | Insulation Resistance | (>200 GΩ | |
| (IEC IP-code) | - | | (@ 500 VDC) | | |
| O-rings | - | | Dielectric Strength | (>2.0 KV | |
| | | | DC Test Voltage | | |
| Base Material | | | Max. Tensile Strength | (>30 Kgf | |
| Body Parts | Brass CuZn39Pb3 / POM | | Overall | | |
| Inner Conductor | Cable data / Beryllium copper | | | (>294 N | |
| Plating | | | Torsional Strength | (* NATM | |
| Body Parts | Nitin-6 | | (Connector / Cable) | | |
| Inner Conductor | Nitin-6 | | | | |
| Insulators | POM | | Test performed by | Susanne Lindharth | |
| | | | Date of release | September 14, 2016 | |

Remarks * Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.

All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.