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|------------------------------|--|----------|----------------------------|---|----------|
| Item no. | 99909916-02 | | Connector type | F-59-TD 3.7 | |
| | | | For cable | Draka Coax AD 08S | |
| Frequency Range | 0.3 - 3000 MHz | | Product photo |  | |
| Impedance (Nom.) | 75 Ohm | | | | |
| Amp. Rating (measured) | Cable data | | | | |
| (calculated) | Cable data | | | | |
| Transfer Impedance (CoMeT) | Class A+ | | | | |
| | <2.5 mΩ/m @ 5-30MHz | | | | |
| | <0.68 mΩ/item @ 5-30MHz | | | | |
| Screening Attenuation(CoMeT) | Class A++ | | | | |
| | >105 dB @ 30-1000MHz | | | | |
| | >95 dB @ 1000-2000MHz | | | | |
| | >85 dB @ 2000-3000MHz | | | | |
| Return Loss (IEC 61169-1) | Better than | Typical | Insertion Loss Max. | Better than | Typical |
| 0.3 - 500 MHz | -32 dB | -45.0 dB | 0.3 - 500 MHz | -0.06 dB | -0.01 dB |
| 500 - 860 MHz | -31 dB | -43.7 dB | 500 - 860 MHz | -0.06 dB | -0.01 dB |
| 860 - 1000 MHz | -31 dB | -43.7 dB | 860 - 1000 MHz | -0.06 dB | -0.01 dB |
| 1000 - 1750 MHz | -28 dB | -41.5 dB | 1000 - 1750 MHz | -0.07 dB | -0.02 dB |
| 1750 - 2150 MHz | -27 dB | -41.4 dB | 1750 - 2150 MHz | -0.07 dB | -0.02 dB |
| 2150 - 3000 MHz | -25 dB | -40.6 dB | 2150 - 3000 MHz | -0.08 dB | -0.03 dB |
| | | | | | |
| | | | | | |
| Temperature | | | Intermodulation | IM3 | |
| Installing | -5° to +50° C | | 3rd Order (@2x+27dBm) | 157 dBc | |
| Operating | -40° to +100° C | | Inner Conductor Resistance | Cable data | |
| Storing | -40° to +100° C | | (@ 1 A DC) | | |
| Sealing Test | | | Insulation Resistance | Cable data | |
| (IEC IP-code) | IP X8 10 meter / 8 hours | | (@ 500 VDC) | | |
| O-rings | EPDM | | Dielectric Strength | Cable data | |
| | | | DC Test Voltage | | |
| Base Material | | | Max. Tensile Strength | Cable data | |
| Body Parts | Brass CuZn39Pb3 | | Overall | >15 Kgf | |
| Inner Conductor | Cable data | | | >147 N | |
| Plating | | | Torsional Strength | Cable data | |
| Body Parts | Nitin-6 | | (Connector / Cable) | * NATM | |
| Inner Conductor | Cable data | | Test performed by | Susanne Lindharth | |
| Insulators | POM | | Date of release | April 01, 2020 | |
| Remarks | * Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip. | | | | |

Connector designed according to the standard IEC 61169-24 (type F)
 All tests performed using instruments calibrated in accordance to our ISO 9001 certification.
 Further technical specifications and installation instructions can be obtained on request.