


|                              |                             |          |   |                        |          |
|------------------------------|-----------------------------|----------|---|------------------------|----------|
| Item no.                     | 49063600-01                 |          | Connector type  | 3.5/12M-TL636          |          |
|                              |                             |          | For cable   | Belden Coax 3 SAS FB21 |          |
| Frequency Range              | 0.3 - 3000 MHz              |          |  |                        |          |
| Impedance (Nom.)             | 75 Ω                        |          |   |                        |          |
| Amp. Rating (measured)       | 15.0 A @10°C increase       |          |   |                        |          |
| (calculated)                 | 21.2 A @20°C increase       |          |   |                        |          |
| Transfer Impedance (CoMeT)   | Class A+                    |          | Product photo   |                        |          |
|                              | <2.5 mΩ/m @ 5-30MHz         |          |   |                        |          |
|                              | <0.4 mΩ/item @ 5-30MHz      |          |   |                        |          |
|                              | Class A++                   |          |   |                        |          |
| Screening Attenuation(CoMeT) | Class A++                   |          |   |                        |          |
|                              | >130 dB @ 30-1000MHz        |          |   |                        |          |
|                              | >130 dB @ 1000-2000MHz      |          |   |                        |          |
|                              | >130 dB @ 2000-3000MHz      |          |   |                        |          |
| Return Loss (IEC 61169-1)    | Better than                 | Typical  | Insertion Loss Max.   | Better than            | Typical  |
| 0.3 - 500 MHz                | -38 dB                      | -40.5 dB | 0.3 - 500 MHz   | -0.06 dB               | -0.01 dB |
| 500 - 860 MHz                | -34 dB                      | -36.6 dB | 500 - 860 MHz   | -0.07 dB               | -0.02 dB |
| 860 - 1000 MHz               | -32 dB                      | -35.2 dB | 860 - 1000 MHz  | -0.07 dB               | -0.02 dB |
| 1000 - 1750 MHz              | -28 dB                      | -30.7 dB | 1000 - 1750 MHz   | -0.08 dB               | -0.03 dB |
| 1750 - 2150 MHz              | -28 dB                      | -30.5 dB | 1750 - 2150 MHz   | -0.09 dB               | -0.04 dB |
| 2150 - 3000 MHz              | -27 dB                      | -30.4 dB | 2150 - 3000 MHz   | -0.10 dB               | -0.05 dB |
|                              |                             |          |   |                        |          |
|                              |                             |          |   |                        |          |
| Temperature                  |                             |          | Intermodulation   | IM3                    |          |
| Installing                   | -5° to +50° C               |          | 3rd Order (@2x+37dBm)   | -132 dBc               |          |
| Operating                    | -40° to +70° C              |          | Inner Conductor Resistance  | (<0.5 mΩ)              |          |
| Storing                      | -40° to +70° C              |          | (@ 1 A DC)  |                        |          |
| Sealing Test                 |                             |          | Insulation Resistance   | (>200 GΩ)              |          |
| (IEC IP-code)                | IP X8 30 meter / 8          |          | (@ 500 VDC)   |                        |          |
| O-rings                      | EPDM                        |          | Dielectric Strength   | (>3,5 KV)              |          |
| Base Material                |                             |          | DC Test Voltage   |                        |          |
| Body Parts                   | Brass CuZn39Pb3             |          | Max. Tensile Strength   | (>1700 N)              |          |
| Inner Conductor              | Brass CuZn39Pb3             |          | Overall   | (>500 N)               |          |
| Plating                      |                             |          | Inner Conductor   |                        |          |
| Body Parts                   | Nitin-6                     |          | Torsional Strength  | (>5.0 Nm)              |          |
| Inner Conductor              | Nitin-6                     |          | (Connector / Cable)   |                        |          |
| Insulators                   | COC (Topas) / PP with Glass |          | Test performed by   | Søren B. Sørensen      |          |
| Remarks                      |                             |          | Date of release   | February 07, 2014      |          |

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