

Item no.	55041300-01	Connector type	FF-TL413
		For cable	Belden Coax 4 Foam FB14 PE
Frequency Range	0.3 - 3000 MHz	Product photo	
Impedance (Nom.)	75 Ω		
Amp. Rating (measured)	6.5 A @10°C increase		
	(calculated) 9.1 A @20°C increase		
Transfer Impedance (CoMeT)	Class A++ <0.9 m Ω /m @ 5-30MHz <0.1 m Ω /item @ 5-30MHz	Product photo	
Screening Attenuation(CoMeT)	Class A++		
	>105 dB @ 30-1000MHz		
	>105 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	-37 dB -40.1 dB	0.3 - 500 MHz	-0.08 dB -0.03 dB
500 - 860 MHz	-37 dB -40.1 dB	500 - 860 MHz	-0.09 dB -0.04 dB
860 - 1000 MHz	-37 dB -40.1 dB	860 - 1000 MHz	-0.09 dB -0.04 dB
1000 - 1750 MHz	-35 dB -37.5 dB	1000 - 1750 MHz	-0.11 dB -0.06 dB
1750 - 2150 MHz	-33 dB -35.9 dB	1750 - 2150 MHz	-0.12 dB -0.07 dB
2150 - 3000 MHz	-25 dB -27.8 dB	2150 - 3000 MHz	-0.13 dB -0.08 dB
Temperature		Intermodulation	IM3
Installing	-5° to +50° C	3rd Order (@2x+30dBm)	-150 dBc
Operating	-40° to +70° C	Inner Conductor Resistance	
Storing	-40° to +70° C	(@ 1 A DC)	<8.0 m Ω
Sealing Test		Insulation Resistance	
(IEC IP-code)	IP X8 30 meter / 8 hours	(@ 500 VDC)	>200 G Ω
O-rings	EPDM	Dielectric Strength	
Base Material		DC Test Voltage	>2.0 KV
Body Parts	Brass CuZn39Pb3	Max. Tensile Strength	
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper	Overall	>1472 N
Plating		Inner Conductor	>500 N
Body Parts	Nitin-6	Torsional Strength	
Inner Conductor	Nitin-6	(Connector / Cable)	* NATM
Insulators	PP with Glass / COC (Topas) / POM	Test performed by	Søren B. Sørensen
Remarks	* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.		
	Date of release		
	May 22, 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.