

Item no.		53065500-01		Connector type		FM-TL655	
				For cable		Bedea Telass L 3-PE Green(LB330)	
Frequency Range		0.3 - 3000 MHz		Product photo			
Impedance (Nom.)		75 Ω					
Amp. Rating (measured)		6.0 A @10°C increase					
(calculated)		8.4 A @20°C increase					
Transfer Impedance (CoMeT)		Class A +					
		<0.9 mΩ/m @ 5-30MHz					
		<0.06 mΩ/item @ 5-30MHz					
Screening Attenuation(CoMeT)		Class A + +					
		>120 dB @ 30-1000MHz					
		>120 dB @ 1000-2000MHz					
		>110 dB @ 2000-3000MHz					
Return Loss (IEC 61169-1)		Better than	Typical	Insertion Loss Max.		Better than	Typical
0.3 - 500 MHz		-29 dB	-32.2 dB	0.3 - 500 MHz		-0.06 dB	-0.01 dB
500 - 860 MHz		-26 dB	-29.0 dB	500 - 860 MHz		-0.06 dB	-0.01 dB
860 - 1000 MHz		-25 dB	-27.8 dB	860 - 1000 MHz		-0.07 dB	-0.02 dB
1000 - 1750 MHz		-21 dB	-23.4 dB	1000 - 1750 MHz		-0.08 dB	-0.03 dB
1750 - 2150 MHz		-20 dB	-21.8 dB	1750 - 2150 MHz		-0.10 dB	-0.05 dB
2150 - 3000 MHz		-17 dB	-18.4 dB	2150 - 3000 MHz		-0.10 dB	-0.05 dB
Temperature				Intermodulation		IM3	
Installing		-5° to +50° C		3rd Order (@2x+37dBm)		-157 dBc	
Operating		-40° to +70° C					
Storing		-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)		<1.5 mΩ	
Sealing Test (IEC IP-code)		IP X8 30 meter / 8 hours		Insulation Resistance (@ 500 VDC)		>200 GΩ	
O-rings		EPDM		Dielectric Strength DC Test Voltage		>2.0 KV	
Base Material				Max. Tensile Strength			
Body Parts		Brass CuZn39Pb3		Overall		>2500 N	
Inner Conductor		Brass CuZn39Pb3		Inner Conductor		>500 N	
Plating				Torsional Strength (Connector / Cable)		>4.5 Nm	
Body Parts		Nitin-6					
Inner Conductor		Nitin-6					
Insulators		COC (Topas) / PP with Glass		Test performed by		Sven-Erik Sandberg	
				Date of release		November 20, 2014	
Remarks							

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