


Item no.	99909524-01		Connector type	3.5/12M-RG11-CX3 QM 10.5	
			For cable	Ören kablo HD 163 PE (1.6/7.2)	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	10.0 A @10°C increase				
(calculated)	14.1 A @20°C increase				
Transfer Impedance (CoMeT)	Class A+				
	<2.5 mΩ/m @ 5-30MHz				
	<0.1 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	-34 dB	-36.4 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-32 dB	-34.4 dB	500 - 860 MHz	-0.07 dB	-0.02 dB
860 - 1000 MHz	-31 dB	-33.8 dB	860 - 1000 MHz	-0.08 dB	-0.03 dB
1000 - 1750 MHz	-29 dB	-31.5 dB	1000 - 1750 MHz	-0.11 dB	-0.06 dB
1750 - 2150 MHz	-27 dB	-29.7 dB	1750 - 2150 MHz	-0.11 dB	-0.06 dB
2150 - 3000 MHz	-24 dB	-26.9 dB	2150 - 3000 MHz	-0.11 dB	-0.06 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+37dBm)	-145 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	(<math>@ 1 A DC</math>)	
Storing	-40° to +70° C			<math><0.5 m\Omega</math>	
Sealing Test			Insulation Resistance	(<math>@ 500 VDC</math>)	
(IEC IP-code)	IP X8 30 meter / 8 hours			>200 GΩ	
O-rings	EPDM		Dielectric Strength	DC Test Voltage	
				>3.0 KV	
Base Material			Max. Tensile Strength	Overall	
Body Parts	Brass CuZn39Pb3			>55 Kgf	
Inner Conductor	Brass CuZn39Pb3			>540 N	
Plating			Torsional Strength	(Connector / Cable)	
Body Parts	Nitin-6			* NATM	
Inner Conductor	Nitin-6		Test performed by	Sven-Erik Sandberg	
Insulators	POM		Date of release	April 13, 2015	

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.*