

Item no.	89490005-01		Connector type	3.5/12M-R75 PORT TERMINATOR	
			For cable	WITH AC BLOCKING	
Frequency Range	0.3 - 2150 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Power Rating (measured)	*1/2 W				
Transfer Impedance (CoMeT)	Class A++				
	<0.9 mΩ/m @ 5-30MHz				
	-0.01 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>120 dB @ 30-1000MHz				
	>120 dB @ 1000-2000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-40 dB	-45.9 dB	0.3 - 500 MHz	- dB	- dB
500 - 860 MHz	-36 dB	-39.2 dB	500 - 860 MHz	- dB	- dB
860 - 1000 MHz	-36 dB	-38.5 dB	860 - 1000 MHz	- dB	- dB
1000 - 1750 MHz	-19 dB	-21.8 dB	1000 - 1750 MHz	- dB	- dB
1750 - 2150 MHz	-11 dB	-14.4 dB	1750 - 2150 MHz	- dB	- dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x100mW)	-137 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	(@ 1 A DC)	
Storing	-40° to +70° C			-	
Sealing Test			Insulation Resistance	(@ 500 VDC)	
(IEC IP-code)	IP X8 30 meter / 8 hours			>29.9 GΩ	
O-rings	EPDM		Dielectric Strength	DC Test Voltage	
				500 V	
Base Material			Max. Tensile Strength	Overall	
Body Parts	Brass CuZn39Pb3			-	
Inner Conductor	Brass CuZn39Pb3			-	
Plating			Torsional Strength	(Connector / Cable)	
Body Parts	Nitin-6			-	
Inner Conductor	Nitin-6 / Tin		Test performed by	Sven-Erik Sandberg	
Insulators	PE / **		Date of release	June 27, 2016	

Remarks \* Signal level 1/2W@75Ω equals +134dBμV.  
\*\*Printed Circuit Board made of CEM3.

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