

SUMMARY



Image is for illustrative purpose only

Wires

Triax 1

Series	1E
Termination type	Female crimp
IP rating	68 mated (mating interface)
AWG wire size	0.00 - 0.00
Cable Ø	0.00 - 0.00 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	SWH*: Fixed coupler, nut fixing, watertight or vacuum-tight
Keying	Circular, female
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Variant	PV : Watertight / Vacuum-tested unmated (connector to device)
Weight	43.97 g

Performance

Configuration	1E.650 : 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated Current	6 Amps

Specifications

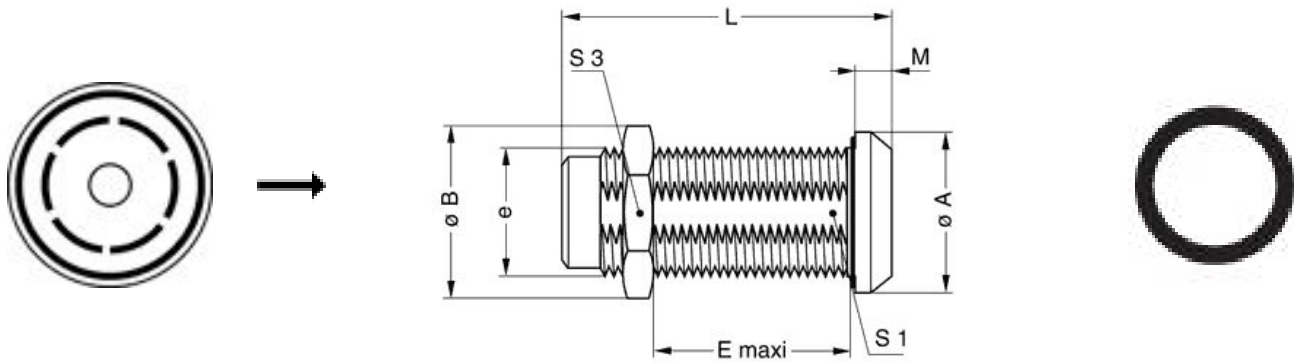
Vtest: 1200 V (AC), 1690 V (DC)
Impedance: 50 Ohm
VSWR: 1.01 + 0.17 * f /GHz
Cable type: RGT 178, RGT 174, Belden 9222

Others

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Endurance (Shell): 5000 mating cycles
 Temp (min / max): -20°C / +100°C
 Humidity (max): <=95% [at 60 deg C /140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Climatical Category: 20/80/21
 Shielding (min): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
 Salt Spray Corrosion: >1000 hr
 Pressure: 60 bars

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	20	21.5	30.5	47	4.5	14.5	19	M16x1.0
in.	0,79	0,85	1,20	1,85	0,18	0,57	0,75	

RECOMMENDED BY LEMO

Tools

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