Summary

Request a quote

Catalog

Coax	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.10 - 6.50 mm
Size	1E
Matching parts	ERA.1E.275.CTL
Series	E - Outdoor Stepped Insert

Technical details

Electrical Configuration

Coax	1
Contact Termination Coax	Solder
Insert configuration value	1E.275 - 1 Coax (75 Ohm)
Insulator	T: PTFE
Rated current	10 Amps
Impedance	75 Ohm
VSWR	1.02 + 0.08 * f/GHz
Vtest	2400 V (AC), 3300 V (DC)
Contact Type	Solder
Cable type	Cable type:|A|RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408|S|

Form & Material

Shell style / Model id	FFA - Straight plug, cable collet
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Circular, male
Weight	22.69 g

Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental protection (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.10 - 6.50 mm