



Image for illustrative purpose only

Summary

[Request a quote](#)

[Catalog](#)

Nb of contacts Coax	1
Locking system	Push-pull
Size	1S
Suggested matching part	FFA.1S.275.NTAC32Z
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/aba-1s-275-ntl.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Technical details

Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax	Solder
Insert configuration value	1S.275 - 1 Coax (75 Ohm)
Insulator	T: PTFE
Rated current	10 A
Impedance	75 Ohm
OHM	75
VSWR	1.02 + 0.08 * f/GHz
Vtest	2400 V (AC), 3300 V (DC)
Contact Type	Coaxial 75 Ohm
Cable type	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
Contact Dia.	1.3 mm (0.05in)

Form & Material

Shell style / Model id	ABA - Adapter socket LEMO - plug BNC
Housing material	Brass (nickel plated [SAE AMS QQ N 290]) collet and crimping tube, brass (chrome plated [SAE AMS 2460]) collet nut
Locking system	Push-pull
Keying	Circular, female
Colour	Grey
Weight	18.93 g

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/aba-1s-275-ntl.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	>1000 mating cycles
Temperature range	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>144 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
------------------------------	----------------------------------------------

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/aba-1s-275-ntl.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.