

≤ Summary

Request a quote	
Catalog	
Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Matching parts	FFA.00.250.CTAC31
Series	00 - NIM-CAMAC

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ert-00-250-ctl.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	
R (max)	6.1 mOhm	
Insert configuration value	0.25 - 1 Coax (50 Ohm)	
Insulator	T: PTFE	
Rated current	4 Amps	
Impedance	50 Ohm	
VSWR	1.09 + 0.11 * f/GHz	
Vtest	2100 V (AC), 3000 V (DC)	
Contact Type	Coaxial 50 Ohm (Solder)	
Test voltage	2.1 kV (rms)	
Bucket Dia.	0.6 mm (0.024in)	
Contact Dia.	0.7 mm (0.028in)	
Form & Material		
Shell style / Model id	ERT - Straight receptacle without thread, force or adhesive fit	
Socket / Receptacle	Fixed Panel Front Mounted	
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces	
Locking system	Push-pull	
Keying	Circular, female	
Weight	2.13 g	
Environment		
Environmental sealing (IP rating)	IP50	
Endurance	5000 mating cycles	
F ret (min)	100 N	
Salt Spray Corrosion	>1000 hr	

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ert-00-250-ctl.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.

Drawings

(\bigcirc	0	
Dimensions			
	Α	L	
mm.	8	15	
in.	0.31	0.59	

Recommended By Lemo

Accessories

Tools

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ert-00-250-ctl.html

Cables

17420 PVC Black 17450 COPOLYMER Black 17450 PTFE Brown 18190 PTFE Brown 18000 PTFE Brown 18700 PTFE White 18700 PTFE White 18800 PTFE White 18800 PTFE White 196270 PTFE White 26000 PVC Black Image: Common and and and and and and and and and an	Cable PartNumber	Material	Colour	Cable image
17450 COPOLYMER Black 178190 PTFE Brown 18000 PTFE Brown 18700 PTFE White 18700 PTFE Brown 2000 PVC Black Image: Common	159580	PVC	Black	×
178190 PTFE Brown 18000 PTFE Brown 18700 PTFE White 18700 PTFE White 18800 PTFE White 18800 PTFE White 18700 PTFE White 18800 PTFE White 18600 PTFE Brown 62000 PVC Black Image: Construction of the state	17420	PVC	Black	
18000 PTFE Brown 18700 PTFE White 18800 PTFE White 196270 PTFE White 196270 PTFE White 196270 PTFE Brown 62000 PVC Black Image: Construction of the state	17450	COPOLYMER	Black	
18700 PTFE White 18800 PTFE White 196270 PTFE White 196270 PTFE White 31600 PTFE Brown 62000 PVC Black CCX.50.030.083.1808 White CCX.50.060.58.4U14B FEP white Image: CCX.50.060.58.4U14B FEP White CCX.50.061.74.4U28N PVC Black Image: CCX.50.061.74.8U18M FEP Brown Image: CCX.50.061.74.8U18M FEP Brown Image: CCX.50.061.74.8U18M FEP Image: CCX.50.061.74.8U18M FEP Image: CCX.50.061.74.8U18M Image: CCX.50.0	178190	PTFE	Brown	
18800 PTFE White 196270 PTFE White 31600 PTFE Brown 62000 PVC Black Image: Constraint of the second of the sec	18000	PTFE	Brown	
196270 PTFE White 31600 PTFE Brown 62000 PVC Black ▲ 62000 PVC Black ▲ CCX.50.030.083.1808 FEP white CCX.50.RG0.58AU14B FEP white CCX.50.RG0.58AU14B FEP white CCX.50.RG1.74.U2SN PVC Black CCX.50.RG1.74AU28N PVC Black CCX.50.RG1.74AU28N PVC Black CCX.50.RG1.74AU28N PVC Black CCX.50.RG1.74AU28N PVC Black CCX.50.RG1.74BU18M FEP Brown CCX.50.RG1.78BU18M FEP Brown CCX.50.RG1.88AU26B PTFE White CCX.50.RG1.88AU26B PTFE White CCX.50.RG1.96AU20B PFA White CCX.50.RG3.16BU26M FEP Brown CCX.50.RG3.16BU26M PTFE Brown CCX.50.RG3.16U28M PTFE Brown CCX.50.RG3.16BU26M FEP Brown CCX.50.RG3.16U28M PTFE Brown	18700	PTFE	White	
31600 PTFE Brown 62000 PVC Black ▲ 62000 PVC Black ▲ CCX.50.030.083.180B FEP white CCX.50.RG.58AU14B FEP white CCX.50.RG.58AU14B FEP white CCX.50.RG.174U25N PVC Black CCX.50.RG.174U28N PVC Black CCX.50.RG.174U28N PVC Black CCX.50.RG.174U25N PVC Black CCX.50.RG.174U25N PVC Black CCX.50.RG.178U18M FEP Brown CCX.50.RG.178U18M PTFE Brown CCX.50.RG.188U26B PTF White CCX.50.RG.188U26B PTFE White CCX.50.RG.188U26B PTFE White CCX.50.RG.1960402B PFA White CCX.50.RG.1980402M PTFE Brown <td>18800</td> <td>PTFE</td> <td>White</td> <td></td>	18800	PTFE	White	
62000 PVC Black ▼ CCX.50.030.083.1808 FEP white CCX.50.0G0.58AU148 FEP white CCX.50.0G1.74.U25N PVC Black CCX.50.0G1.74AU28N PVC Black CCX.50.0G1.74AU28N PVC Black CCX.50.0G1.74AU28N PVC Black CCX.50.0G1.74BU18M FEP Brown CCX.50.0G1.78BU18M FFE Brown CCX.50.0G1.78BU18M PTFE Brown CCX.50.0G1.88AU24B FFE White CCX.50.0G1.88AU26B PFA White CCX.50.0G1.88AU26B PFFE White CCX.50.0G1.88AU26B PFFE White CCX.50.0G1.88AU26B PFFE White CCX.50.0G1.98AU26B PFFE White CCX.50.0G1.98AU26B PFFE White CCX.50.0G1.98AU26B PFFE Brown CCX.50.0G1.98AU26B PFFE Brown CCX.50.0G3.16BU26M FEP Brown CCX.75.0G1.87AU27B	196270	PTFE	White	
CCX.50.030.083.180BwhiteCCX.50.RG0.58AU14BFEPwhiteCCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74BU18MFEPBrownCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU24BFFEwhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEWhiteCCX.50.RG3.16U28MPTFEBrownCCX.75.RG0.59BU62NPVCBlackCCX.75.RG1.87AU26BPFAWhiteCCX.75.RG1.87AU26BPFAWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.80BU36MPTFEBrownCCX.75.RG1.80BU36MPTFEBrownCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEBrownCCX.95.RG1.80BU36MPTFEBrownCCX.95.RG1.80BU36MPTFEBrownCCX.95.RG1.80BU36MPTFEBrownCCX.95.RG1.80BU36MPTFEBrownCCX.95.RG1.80BU36MPTFEBrow	31600	PTFE	Brown	
CCX.50.RG0.58AU14BFEPwhiteCCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74BU18MFEPBrownCCX.50.RG1.78BU18MFFEBrownCCX.50.RG1.78BU18MFTEWhiteCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.168U26MFEPBrownCCX.50.RG3.168U26MFEPBrownCCX.50.RG3.168U26MFEPBrownCCX.75.RG3.168U26MFEPBrownCCX.75.RG3.1618U26MFEPBrownCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEBlackCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEBrownCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEBlackCCX.95.RG1.80BU36MPTFEBlackCCX.95.RG1.80BU36MPTFEBrownCCX.95.RG1.80BU36MPTFEBlackCCX.95.RG1.80BU36MPTFEBlackCCX.95.RG1.80BU36MPTFEBlackCCX.95.RG1.80BU36MPTFEBlackCCX.95.RG1.80BU36MPTFEBlackCCX.95.RG1.80BU36MPTFE	62000	PVC	Black	×
CCX.50.RG1.74.U25N PVC Black CCX.50.RG1.74AU28N PVC Black CCX.50.RG1.74AU28N PVC Black CCX.50.RG1.74U25N PVC Black CCX.50.RG1.74U25N PVC Black CCX.50.RG1.74BU18M FEP Brown CCX.50.RG1.78BU18M FEP Brown CCX.50.RG1.88AU24B TFE white CCX.50.RG1.88AU26B PFA White CCX.50.RG1.96AU19B PTFE White CCX.50.RG1.68U20B PFA White CCX.50.RG1.68U20B PFA White CCX.50.RG1.96AU19B PTFE Brown CCX.50.RG1.96AU20B PFA White CCX.50.RG1.96AU20B PFA White CCX.50.RG3.16BU26M FEP Brown CCX.50.RG3.16U28M PTFE Brown CCX.75.RG1.97BU26M FEP Brown CCX.75.RG1.97AU27B PTFE White CCX.75.RG1.87AU26B PFA White CCX.75.RG1.87AU27B PTFE White CCX.75.RG1.87AU27B PTFE White <td>CCX.50.030.083.180B</td> <td></td> <td>white</td> <td></td>	CCX.50.030.083.180B		white	
CCX.50.RG1.74AU28N PVC Black CCX.50.RG1.74AU28N PVC Black CCX.50.RG1.74U25N PVC Black CCX.50.RG1.78BU18M FEP Brown CCX.50.RG1.78BU18M PTFE Brown CCX.50.RG1.88AU24B TFE white CCX.50.RG1.88AU26B PFA White CCX.50.RG1.88AU26B PTFE White CCX.50.RG1.88AU26B PTFE White CCX.50.RG1.88AU26B PTFE White CCX.50.RG1.88AU26B PTFE White CCX.50.RG1.96AU20B PFA White CCX.50.RG1.96AU20B PFA White CCX.50.RG1.96AU20B PFA White CCX.50.RG1.96AU20B PFA White CCX.50.RG3.16BU26M FEP Brown CCX.50.RG3.16BU26M PVC Grey CCX.75.RG1.97AU27B PVC Black CCX.75.RG1.87AU27B PFE White CCX.75.RG1.87AU27B PTFE CCX.93.RG0.62AU62N PVC Black CCX.95.RG1.80BU36M CCX.95.RG1.80BU36M PTFE Brown	CCX.50.RG0.58AU14B	FEP	white	
CCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU20BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MPTFEWhiteCCX.75.RG0.59BU62NPVCGreyCCX.75.RG1.79BU26MFEPBrownCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEBrownCCX.95.RG1.80BU36MPTFEWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEBrownCCX.95.RG1.80BU36MPTFEWhiteCCX.95.RG1.80BU36MPTFEBrownCCX.95.RG1.80BU36MPTFEBrownCCX.95.RG1.80BU36MPTFEBrownCCX.95.RG1.80BU36MPTFEBrown	CCX.50.RG1.74-U25N	PVC	Black	
CCX.50.RG1.74U25N PVC Black CCX.50.RG1.78BU18M FEP Brown CCX.50.RG1.78BU18M PTFE Brown CCX.50.RG1.78BU18M PTFE white CCX.50.RG1.88AU24B TFE white CCX.50.RG1.88AU26B PFA White CCX.50.RG1.88AU26B PTFE White CCX.50.RG1.96AU19B PTFE White CCX.50.RG1.96AU20B PFA White CCX.50.RG1.6196AU20B PFA White CCX.50.RG3.16BU26M FEP Brown CCX.50.RG3.16BU26M PFFE Brown CCX.50.RG3.16BU26M PFFE Brown CCX.75.RG1.79BU26M FEP Brown CCX.75.RG1.87AU27B PTFE White CCX.93.RG1.80BU36M <td< td=""><td>CCX.50.RG1.74AU28N</td><td>PVC</td><td>Black</td><td></td></td<>	CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MPTFEBrownCCX.50.RG3.16U28MPTFEBrownCCX.75.RG0.59BU62NPVCGreyCCX.75.RG1.79BU26MFEPBrownCCX.75.RG1.87AU26BPFAWhiteCCX.75.RG1.87AU27BPTFEBrownCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEWhiteCCX.95.RG1.80BU36MPTFEBrown	CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.78BU18M PTFE Brown CCX.50.RG1.88AU24B TFE white CCX.50.RG1.88AU26B PFA White CCX.50.RG1.88AU26B PTFE White CCX.50.RG1.96AU19B PTFE White CCX.50.RG1.96AU20B PFA White CCX.50.RG1.96AU20B PFA White CCX.50.RG3.16BU26M FEP Brown CCX.50.RG3.16U28M PTFE Brown CCX.50.RG3.16U28M PTFE Brown CCX.50.RG3.16U28M PTFE Brown CCX.50.RG3.16U28M PTFE Brown CCX.50.RG3.16U28M PVC Black ▲ CCX.75.RG1.97BU26M FEP Brown ■ CCX.75.RG1.87AU26B PFA White ■ CCX.75.RG1.87AU26B PFA White ■ CCX.75.RG1.87AU27B PTFE White ■ CCX.93.RG0.62AU62N PVC Black ▲ CCX.95.RG1.80BU36M PTFE Brown ■	CCX.50.RG1.74U25N	PVC	Black	
CCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrownCCX.75.RG3.16U28MPTFEBrownCCX.75.RG1.79BU26MFEPBrownCCX.75.RG1.79BU26MFEPBrownCCX.75.RG1.87AU26BPFAWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEBrown	CCX.50.RG1.78BU18M	FEP	Brown	
CCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrownCCX.75.040.195327GPVCGreyCCX.75.RG1.79BU26MFEPBrownCCX.75.RG1.79BU26MFEPBrownCCX.75.RG1.87AU26BPFAWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEBrown	CCX.50.RG1.78BU18M	PTFE	Brown	
CCX.50.RG1.88AU268 PTFE White CCX.50.RG1.96AU198 PTFE White CCX.50.RG1.96AU208 PFA White CCX.50.RG3.16BU26M FEP Brown CCX.50.RG3.16U28M PTFE Brown CCX.75.040.195327G PVC Grey CCX.75.RG0.59BU62N PVC Black × CCX.75.RG1.79BU26M FEP Brown CCX.75.RG1.87AU26B PFA White CCX.75.RG1.87AU27B PTFE White CCX.75.RG1.87AU27B PTFE White	CCX.50.RG1.88AU24B	TFE	white	
CCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrownCCX.75.040.195327GPVCGreyCCX.75.RG0.59BU62NPVCBlackCCX.75.RG1.79BU26MFEPBrownCCX.75.RG1.87AU26BPFAWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEBrown	CCX.50.RG1.88AU26B	PFA	White	
CCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrownCCX.75.040.195327GPVCGreyCCX.75.RG0.59BU62NPVCBlackCCX.75.RG1.79BU26MFEPBrownCCX.75.RG1.87AU26BPFAWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEBrown	CCX.50.RG1.88AU26B	PTFE	White	
CCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrownCCX.75.040.195327GPVCGreyCCX.75.RG0.59BU62NPVCBlackCCX.75.RG1.79BU26MFEPBrownCCX.75.RG1.87AU26BPFAWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEBrown	CCX.50.RG1.96AU19B	PTFE	White	
CCX.50.RG3.16U28MPTFEBrownCCX.75.040.195327GPVCGreyCCX.75.RG0.59BU62NPVCBlackCCX.75.RG1.79BU26MFEPBrownCCX.75.RG1.87AU26BPFAWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEBrown	CCX.50.RG1.96AU20B	PFA	White	
CCX.75.040.195327GPVCGreyCCX.75.RG0.59BU62NPVCBlackImage: Comparison of the c	CCX.50.RG3.16BU26M	FEP	Brown	
CCX.75.RG0.59BU62N PVC Black Image: Constraint of the second seco	CCX.50.RG3.16U28M	PTFE	Brown	
CCX.75.RG1.79BU26MFEPBrownCCX.75.RG1.87AU26BPFAWhiteCCX.75.RG1.87AU27BPTFEWhiteCCX.93.RG0.62AU62NPVCBlackCCX.95.RG1.80BU36MPTFEBrown	CCX.75.040.195327G	PVC	Grey	
CCX.75.RG1.87AU26B PFA White CCX.75.RG1.87AU27B PTFE White — CCX.93.RG0.62AU62N PVC Black Image: CCX.95.RG1.80BU36M PTFE Brown — —	CCX.75.RG0.59BU62N	PVC	Black	×
CCX.75.RG1.87AU27BPTFEWhiteImage: Constraint of the second secon	CCX.75.RG1.79BU26M	FEP	Brown	
CCX.93.RG0.62AU62N PVC Black CCX.95.RG1.80BU36M PTFE Brown	CCX.75.RG1.87AU26B	PFA	White	
CCX.95.RG1.80BU36M PTFE Brown -	CCX.75.RG1.87AU27B	PTFE	White	
	CCX.93.RG0.62AU62N	PVC	Black	×
	CCX.95.RG1.80BU36M	PTFE	Brown	
CCV'3D'YOT'ADAO21Q ALE MUILE	CCX.95.RG1.95AU37B	PFA	White	

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/ert-00-250-ctl.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.