

×

# Summary

Request a quote	
Catalog	
Coax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Matching parts	FFA.00.250.DTAC29
Series	00 - NIM-CAMAC

# **Technical details**

## **Electrical Configuration**

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)

## https://www.lemo.com/int\_en/solutions/specialties/00-nim-camac/era-00-250-dtl.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.

## Form & Material

Shell style / Model id	ERA - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (gold plated [ISO 27874]) shell, collet nut, brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular, female
Weight	3.54 g
Environment	
Environmental protection	IP50
F ret (min)	100 N
Cable fixation	
Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

# **Drawings**



# Ο

## Dimensions

	Α	В	е	E	L	Μ	S1	S3
mm.	8	10.3	M7x0.5	5.5	15	1	6.3	9
in.	0.31	0.41		0.22	0.59	0.04	0.25	0.35

# **Recommended By Lemo**

## Accessories

Tools

## https://www.lemo.com/int\_en/solutions/specialties/00-nim-camac/era-00-250-dtl.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.

# Cables

159580PVCBlack☑17420PVCBlack☑17450COPOLYMERBlack☑178190PTFEBrown☑18000PTFEBrown☑18700PTFEWhite☑18800PTFEWhite☑18600PTFEWhite☑196270PTFEWhite☑2000PVCBlack☑CCX-50.030.083.1808white☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPVCBlack☑CCX-50.RG1.74AU28NPFEWhite☑CCX-50.RG1.74AU28NPFEWhite☑CCX-50.RG1.74AU28NPFEWhite☑CCX-50.RG1.74AU28NPFEWhite☑CCX-50.RG1.74AU28NPFEWhite☑CCX-50.RG1.74AU28NPFEWhite☑CCX-50.RG1.74AU28NPFFEWhite☑ <tr< th=""><th>Cable PartNumber</th><th>Material</th><th>Colour</th><th>Cable image</th></tr<>	Cable PartNumber	Material	Colour	Cable image
17450COPOLYMERBlack178190PTFEBrown18000PTFEBrown18000PTFEWhite18700PTFEWhite18800PTFEWhite18800PTFEWhite18600PTFEWhite31600PTFEBrown62000PVCBlackCCX.50.080.083.180BwhiteCCX.50.RG0.58AU14BFEPwhiteCCX.50.RG1.74.U2SNPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.88AU24BCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.88AU26BCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.88AU26BCCX.50.RG1.94D19BPTFEWhiteCCX.50.RG1.64D19BCCX.50.RG1.64D20BPFAWhiteCCX.50.RG1.64D20BCCX.50.RG3.168U20MFEPBrownCCX.50.RG3.168U20MFEPBrownCCX.50.RG3.168U20BPTFEWhiteCCX.50.RG3.168U20BPTFEBrownCCX.50.RG3.168U20BPTFEBrownCCX.50.RG3.168U20MPTFEBrownCCX.50.RG3.168U20MPTFEBrownCCX.50.RG3.168U20MPTFEBrownCCX.50.RG3.168U20M </td <td>159580</td> <td>PVC</td> <td>Black</td> <td>×</td>	159580	PVC	Black	×
178190PTFEBrown18000PTFEBrown18700PTFEWhite18700PTFEWhite18800PTFEWhite196270PTFEWhite31600PTFEBrown62000PVCBlackImage: CCX.50.030.083.180BCCX.50.030.083.180BwhiteImage: CCX.50.RG0.58AU14BFEPCCX.50.RG0.58AU14BFEPwhiteCCX.50.RG1.74.U25NPVCBlackCCX.50.RG1.74.U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74BU18MFEPBrownCCX.50.RG1.74BU28NPTFEBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEWhiteCCX.50.RG1.88AU24BTFEWhiteCCX.50.RG1.96AU208PFAWhiteCCX.50.RG1.96AU208PFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MPTFEBrownCCX.50.RG3.16U28MPTFEBrown	17420	PVC	Black	
18000         PTFE         Brown           18700         PTFE         White           18800         PTFE         White           196270         PTFE         White           19600         PTFE         Brown           62000         PVC         Black         Image: CCX.50.030.083.180B           CCX.50.030.083.180B         white         Image: CCX.50.RG1.74.U25N         PVC           CCX.50.RG1.74.U25N         PVC         Black         Image: CCX.50.RG1.74.U25N           CCX.50.RG1.74.U25N	17450	COPOLYMER	Black	
18700         PTFE         White           18800         PTFE         White           196270         PTFE         White           31600         PTFE         Brown           62000         PVC         Black         Image: CCX.50.030.083.180B           CCX.50.030.083.180B         white         Image: CCX.50.030.083.180B         Image: CCX.50.030.083.180B           CCX.50.030.083.180B         white         Image: CCX.50.030.083.180B         Image: CCX.50.030.083.180B           CCX.50.030.083.180B         white         Image: CCX.50.030.083.180B         Image: CCX.50.030.083.180B           CCX.50.030.083.180B         PVC         Black         Image: CCX.50.030.083.180B           CCX.50.031.74-U25N         PVC         Black         Image: CCX.50.030.074.025N           CCX.50.031.74U25N         PVC         Black         Image: CCX.50.030.031.78BU18M           CCX.50.031.78BU18M         PFP         Brown         Image: CCX.50.031.788U18M           CCX.50.031.78BU18M         PTFE         White         Image: CCX.50.031.688AU26B           CCX.50.031.96AU26B         PFA         White         Image: CCX.50.031.680U26B           CCX.50.031.96AU208         PFA         White         Image: CCX.50.031.680U26B           CCX.50.031.96AU208         PFA </td <td>178190</td> <td>PTFE</td> <td>Brown</td> <td></td>	178190	PTFE	Brown	
18800         PTFE         White           196270         PTFE         White           31600         PTFE         Brown           62000         PVC         Black         X           CCX.50.030.083.180B         white         X           CCX.50.RG0.58AU14B         FEP         white           CCX.50.RG1.74AU25N         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.RG1.88AU24B         TFE         white           CCX.50.RG1.88AU24B         PFA         White           CCX.50.RG1.96AU19B         PTFE         White           CCX.50.RG1.96AU20B         PFA         White           CCX.50.RG3.16BU26M         FEP         Brown           CCX.50.RG3.16BU26M         FEP         Brown	18000	PTFE	Brown	- 8
196270         PTFE         White           31600         PTFE         Brown           62000         PVC         Black         ▼           CCX.50.030.083.180B         white             CCX.50.RG0.58AU14B         FEP         white            CCX.50.RG1.74-U25N         PVC         Black            CCX.50.RG1.74-U25N         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.RG1.88AU24B         TFE         white            CCX.50.RG1.88AU26B         PFA         White            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         FEP         Brown	18700	PTFE	White	
31600PTFEBrown62000PVCBlack★CCX.50.030.083.180BwhiteCCX.50.RG0.58AU14BFEPwhiteCCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74BU18MFEPBrownCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrown	18800	PTFE	White	
62000PVCBlack☑62000PVCBlack☑CCX.50.030.083.180BwhiteCCX.50.RG0.58AU14BFEPwhiteCCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrown	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.RG1.78BU18MPTFEBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrown	31600	PTFE	Brown	
CCX.50.RG0.58AU14BFEPwhiteCCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74U25NPVCBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.96AU20BPTFEWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrown	62000	PVC	Black	×
CCX.50.RG1.74-U25NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74U25NPVCBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.96AU20BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrown	CCX.50.030.083.180B		white	
CCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74U25NPVCBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.96AU20BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrown	CCX.50.RG0.58AU14B	FEP	white	
CCX.50.RG1.74AU28NPVCBlackCCX.50.RG1.74U25NPVCBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrown	CCX.50.RG1.74-U25N	PVC	Black	
CCX.50.RG1.74U25NPVCBlackCCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU19BPFAWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MFEPBrown	CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.78BU18MFEPBrownCCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG1.96AU20BFEPBrownCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16BU26MPTFEBrown	CCX.50.RG1.74AU28N	PVC	Black	
CCX.50.RG1.78BU18MPTFEBrownCCX.50.RG1.88AU24BTFEwhiteCCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrown	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.RG3.16U28MPTFEBrown	CCX.50.RG1.78BU18M	FEP	Brown	
CCX.50.RG1.88AU26BPFAWhiteCCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrown	CCX.50.RG1.78BU18M	PTFE	Brown	
CCX.50.RG1.88AU26BPTFEWhiteCCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrown	CCX.50.RG1.88AU24B	TFE	white	
CCX.50.RG1.96AU19BPTFEWhiteCCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrown	CCX.50.RG1.88AU26B	PFA	White	
CCX.50.RG1.96AU20BPFAWhiteCCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrown	CCX.50.RG1.88AU26B	PTFE	White	
CCX.50.RG3.16BU26MFEPBrownCCX.50.RG3.16U28MPTFEBrown	CCX.50.RG1.96AU19B	PTFE	White	
CCX.50.RG3.16U28M PTFE Brown	CCX.50.RG1.96AU20B	PFA	White	
	CCX.50.RG3.16BU26M	FEP	Brown	
CCX.75.040.195327G PVC Grey	CCX.50.RG3.16U28M	PTFE	Brown	
	CCX.75.040.195327G	PVC	Grey	

#### https://www.lemo.com/int\_en/solutions/specialties/00-nim-camac/era-00-250-dtl.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.

Cable PartNumber	Material	Colour	Cable image
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.93.RG0.62AU62N	PVC	Black	×
CCX.95.RG1.80BU36M	PTFE	Brown	- 8 -
CCX.95.RG1.95AU37B	PFA	White	

## https://www.lemo.com/int\_en/solutions/specialties/00-nim-camac/era-00-250-dtl.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.