## **HGP.00.250.NTLPV**





# **Summary**

#### Request a quote

Catalog	
Coax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
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)

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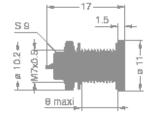
#### Form & Material

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Environment	
Weight	4.35 g
Variant	Watertight / Vacuum-tested unmated (connector to device)
Keying	Circular, female
Locking system	Push-pull
Housing material	Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces
Socket / Receptacle	Fixed Panel Front Mounted
Shell style / Model id	HGP - Fixed receptacle, nut fixing, watertight

Environmental protection (IP rating)	Hermetic unmated
Minimal temperature	-20°C / +100°C
F ret (min)	100 N
Pressure	60 bars
R leak (He) (max)	0.0000001 mbar*l/s (if vacuum-tested)
Salt Spray Corrosion	>144 hr

# **Drawings**







### **Dimensions**

	L	Α	е	<b>S</b> 3	В
mm.	17	11	M7x0.5	9	10.2
in.	0.67	0.43		0.35	0.4

# **Recommended By Lemo**

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$\boldsymbol{H}$		LE	-3	3	u		<b>C</b> 3

**Tools** 

### **Cables**

19580 PVC Black  17420 PVC Black  17450 COPOLYMER Block  178190 PTFE Brown  18000 PTFE Brown  18700 PTFE White  18800 PTFE White  196270 PTFE White  106270 PTFE White  106270 PTFE White  106270 PTFE Brown  106270 PTFE White  106270 PTFE Brown  10700 PVC Black  10700 PVC White  10700 PVC White  10700 PVC PVC Black  10700 PVC BL	Cable PartNumber	Material	Colour	Cable image
17459 COPOLYMER Black  178190 PTFE Brown  18000 PTFE Brown  18700 PTFE White  18800 PTFE White  196270 PTFE White  20000 PTFE Brown  20000 PYC Black  20000 PVC White  20000 PVC White  20000 PVC Grey  20000 PVC Grey  20000 PVC Grey  20000 PVC Black  200000 PVC Black  20000 PVC	159580	PVC	Black	×
178190 PTFE Brown  18700 PTFE White  18800 PTFE White  196270 PTFE White  196270 PTFE White  196270 PTFE White  20000 PVC Black  CCX.50.030.083.1808 White  2000 PVC Black  2000. PVC White  2000. PVC White  2000. PVC White  2000. PVC Grey  2000. PVC Black  2000. PVC Black  2000. PVC Black  2000. PVC Grey  2000. PVC Black	17420	PVC	Black	
18000   PTFE	17450	COPOLYMER	Black	
18700 PTFE White	178190	PTFE	Brown	
18800 PTFE White  196270 PTFE White  31600 PTFE Brown  62000 PVC Black   CCX.50.030.083.1808 FEP white  CCX.50.RG1.78-U25N PVC Black  CCX.50.RG1.74-U25N PVC Black  CCX.50.RG1.74-U25N PVC Black  CCX.50.RG1.74-U25N PVC Black  CCX.50.RG1.74-U25N PVC Black  CCX.50.RG1.78-U18N PVC Black  CCX.50.RG1.78-U18N FEP Brown  CCX.50.RG1.78BU18M FEP Brown  CCX.50.RG1.78BU18M FEP Brown  CCX.50.RG1.78BU18M PTFE White  CCX.50.RG1.8A-U26B PFA White  CCX.50.RG1.8A-U26B PFA White  CCX.50.RG1.8A-U26B PFE White  CCX.50.RG1.8B-U26B PFA White  CCX.50.RG1.96-U19B PTFE White  CCX.50.RG3.16BU26M FEP Brown  CCX.50.RG3.16BU26M FEP Brown  CCX.50.RG3.16BU26M FEP Brown  CCX.50.RG3.16BU26M FEP Brown  CCX.75.RG0.59BU62N PVC Grey  CCX.75.RG0.59BU62N PVC Black  CCX.75.RG1.87-U25B PFA White  CCX.75.RG1.87-U27B PTFE White  CCX.93.RG0.62-U62N PVC Black  CCX.93.RG0.62-U62N	18000	PTFE	Brown	-100
196270 PTFE White  31600 PTFE Brown  62000 PVC Black   CCX.50.030.083.1808 FEP white  CCX.50.RG0.58AU14B FEP White  CCX.50.RG1.74-U25N PVC Black  CCX.50.RG1.74AU28N PVC Black  CCX.50.RG1.74BU18M FEP Brown  CCX.50.RG1.74BBU18M FEP Brown  CCX.50.RG1.74BBU18M FEP Brown  CCX.50.RG1.8BAU24B TFE white  CCX.50.RG1.8BAU26B PFA White  CCX.50.RG1.8BAU26B PFA White  CCX.50.RG1.96AU19B PTFE White  CCX.50.RG3.16BBU26M FEP Brown  CCX.50.RG3.16BBU26M FEP Brown  CCX.50.RG3.16BBU26M FEP Brown  CCX.50.RG3.16BBU26M FEP Brown  CCX.50.RG3.16BU26M FEP Brown  CCX.75.RG3.16BU26M FEP Brown  CCX.75.RG3.16U28M PTFE Brown  CCX.75.RG3.16U28M PTFE Brown  CCX.75.RG3.16U28M PTFE Brown  CCX.75.RG3.16U28M FEP Brown  CCX.75.RG3.16U26M PYC Black   CCX.93.RG3.62AU62N PVC Black   CCX.93.RG3.63BU36M PTFE Brown  CCX.93.RG3.63BU36M PTFE Brown  CCX.93.RG3.63BU36M PTFE Brown	18700	PTFE	White	- a b -
Brown   Black	18800	PTFE	White	
62000         PVC         Black         ▼           CCX.50.030.083.180B         white         CCX.50.RG0.58AU14B         FEP         white           CCX.50.RG1.74-U25N         PVC         Black         CCX.50.RG1.74AU28N         PVC         Black           CCX.50.RG1.74AU28N         PVC         Black         CCX.50.RG1.74BU18M         FEP         Brown           CCX.50.RG1.78BU18M         FEP         Brown         CCX.50.RG1.88BU28B         FFE         White           CCX.50.RG1.88AU26B         PFA         White         CCX.50.RG1.88AU26B         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           CCX.75.RG3.16U28M         PTFE         Brown         CCX.75.RG1.87AU27B         PVC         Grey           CCX.75.RG1.87AU27B         PTFE         White         CXX.75.RG1.87AU27B         PTFE         White           CCX.75.RG1.87AU27B         PTFE         White         CXX.75.RG1.87AU27B         PTFE         White           CCX.95.RG1.80BU36M         PTFE         Black         X         X	196270	PTFE	White	
CCX.50.030.083.1808         white           CCX.50.RG0.58AU14B         FEP         white           CCX.50.RG1.74-U25N         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.RG1.96AU19B         PTFE         White           CCX.50.RG1.96AU20B         PFA         White           CCX.50.RG3.16BU26M         FEP         Brown           CCX.50.RG3.16U28M         PTFE         Brown           CCX.75.AG3.16U28M         PTFE         Black         ▼           CCX.75.RG1.87AU27B         PVC         Black         ▼           CCX.75.RG1.87AU27B         PTFE         White         ▼           CCX.75.RG1.87AU27B         PTFE         White         ▼           CCX.93.RG0.62AU62N         PVC         Black         ▼           CCX.95.RG1.80BU36M         PTFE         Black         ▼	31600	PTFE	Brown	
CCX.50.RG0.58AU14B         FEP         white           CCX.50.RG1.74-U25N         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.RG1.96AU19B         PTFE         White           CCX.50.RG1.96AU20B         PFA         White           CCX.50.RG3.16BU26M         FEP         Brown           CCX.50.RG3.16BU26M         FEP         Brown           CCX.75.AG3.16U28M         PTFE         Black         ▼           CCX.75.RG1.87AU27B         PVC         Black         ▼           CCX.75.RG1.87AU27B         PTFE         White         ▼           CCX.75.RG1.87AU27B         PTFE         White         ▼           CCX.93.RG0.62AU62N         PVC         Black         ▼           CCX.95.RG1.80BU36M         PTFE         Brown         ▼	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.RG1.78BU18M         FEP         Brown           CCX.50.RG1.78BU18M         PTFE         Brown           CCX.50.RG1.88AU24B         TFE         White           CCX.50.RG1.88AU26B         PFA         White           CCX.50.RG1.96AU19B         PTFE         White           CCX.50.RG1.96AU20B         PFA         White           CCX.50.RG3.16BU26M         FEP         Brown           CCX.50.RG3.16BU26M         PFP         Brown           CCX.75.RG3.16U28M         PTFE         Black         ▼           CCX.75.RG1.87BU26M         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         ▼	CCX.50.030.083.180B		white	
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.RG1.96AU19B         PTFE         White           CCX.50.RG3.16BU26M         FEP         Brown           CCX.50.RG3.16BU26M         FEP         Brown           CCX.75.RG3.16BU28M         PTFE         Brown           CCX.75.RG0.195327G         PVC         Grey           CCX.75.RG1.87AU26B         PFA         White           CCX.75.RG1.87AU27B         PTFE         White           CCX.75.RG1.87AU27B         PTFE         White           CCX.93.RG0.62AU62N         PVC         Black         X           CCX.95.RG1.80BU36M         PTFE         Brown         ————————————————————————————————————	CCX.50.RG0.58AU14B	FEP	white	
CCX.50.RG1.74AU28N 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.RG1.96AU19B PTFE White  CCX.50.RG1.96AU20B PFA White  CCX.50.RG1.96AU20B PFA White  CCX.50.RG3.16BU26M FEP Brown  CCX.50.RG3.16BU26M PTFE Brown  CCX.75.RG3.16BU26M FEP Brown  CCX.75.RG3.16BU26M PTFE Brown  CCX.75.RG3.16BU26M PVC Black   CCX.75.RG3.16BU26M PTFE Brown  CCX.75.RG3.16BU26M PTFE White  CCX.75.RG3.16BU26M PTFE White	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.RG1.88AU24B         TFE         white           CCX.50.RG1.88AU26B         PFA         White           CCX.50.RG1.96AU19B         PTFE         White           CCX.50.RG1.96AU20B         PFA         White           CCX.50.RG3.16BU26M         FEP         Brown           CCX.75.0A0.195327G         PVC         Grey           CCX.75.RG1.79BU26M         FEP         Brown           CCX.75.RG1.87AU26B         PFA         White           CCX.75.RG1.87AU26B         PFA         White           CCX.75.RG1.87AU27B         PTFE         White           CCX.75.RG1.87AU27B         PTFE         White           CCX.93.RG0.62AU62N         PVC         Black         X           CCX.95.RG1.80BU36M         PTFE         Brown	CCX.50.RG1.74AU28N	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.RG1.96AU19B         PTFE         White           CCX.50.RG1.96AU20B         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.RG1.87AU26B         PFA         White         —           CCX.75.RG1.87AU27B         PTFE         White         —         —           CCX.93.RG0.62AU62N         PVC         Black         ▼           CCX.95.RG1.80BU36M         PTFE         Brown         —         —	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.RG3.16BU26M         FEP         Brown           CCX.50.RG3.16U28M         PTFE         Brown           CCX.75.040.195327G         PVC         Grey           CCX.75.RG0.59BU62N         PVC         Black         ▼           CCX.75.RG1.87AU26B         PFA         White           CCX.75.RG1.87AU27B         PTFE         White           CCX.75.RG1.87AU27B         PTFE         White           CCX.93.RG0.62AU62N         PVC         Black         ▼           CCX.95.RG1.80BU36M         PTFE         Brown         F	CCX.50.RG1.74U25N	PVC	Black	
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.RG3.16BU26M         FEP         Brown           CCX.75.RG3.16U28M         PTFE         Brown           CCX.75.940.195327G         PVC         Grey           CCX.75.RG1.79BU26M         FEP         Brown           CCX.75.RG1.87AU26B         PFA         White           CCX.75.RG1.87AU27B         PTFE         White           CCX.93.RG0.62AU62N         PVC         Black         X           CCX.95.RG1.80BU36M         PTFE         Brown         —	CCX.50.RG1.78BU18M	FEP	Brown	
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.RG3.16BU26M         FEP         Brown           CCX.50.RG3.16U28M         PTFE         Brown           CCX.75.040.195327G         PVC         Grey           CCX.75.RG0.59BU62N         PVC         Black         X           CCX.75.RG1.87AU26B         PFA         White           CCX.75.RG1.87AU27B         PTFE         White           CCX.93.RG0.62AU62N         PVC         Black         X           CCX.93.RG0.62AU62N         PVC         Black         X           CCX.95.RG1.80BU36M         PTFE         Brown         —	CCX.50.RG1.78BU18M	PTFE	Brown	
CCX.50.RG1.88AU26B         PTFE         White           CCX.50.RG1.96AU19B         PTFE         White           CCX.50.RG1.96AU20B         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.RG1.87AU26M         FEP         Brown           CCX.75.RG1.87AU27B         PTFE         White         —           CCX.93.RG0.62AU62N         PVC         Black         ▼           CCX.95.RG1.80BU36M         PTFE         Brown         —	CCX.50.RG1.88AU24B	TFE	white	
CCX.50.RG1.96AU19B         PTFE         White           CCX.50.RG1.96AU20B         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         X           CCX.75.RG1.79BU26M         FEP         Brown           CCX.75.RG1.87AU26B         PFA         White           CCX.75.RG1.87AU27B         PTFE         White           CCX.93.RG0.62AU62N         PVC         Black         X           CCX.95.RG1.80BU36M         PTFE         Brown         —	CCX.50.RG1.88AU26B	PFA	White	
CCX.50.RG1.96AU20B         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.93.RG0.62AU62N         PVC         Black         ▼           CCX.95.RG1.80BU36M         PTFE         Brown         —	CCX.50.RG1.88AU26B	PTFE	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.93.RG0.62AU62N         PVC         Black         ▼           CCX.95.RG1.80BU36M         PTFE         Brown         —	CCX.50.RG1.96AU19B	PTFE	White	
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.93.RG0.62AU62N         PVC         Black         ▼           CCX.95.RG1.80BU36M         PTFE         Brown         —	CCX.50.RG1.96AU20B	PFA	White	
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.93.RG0.62AU62N         PVC         Black           CCX.95.RG1.80BU36M         PTFE         Brown	CCX.50.RG3.16BU26M	FEP	Brown	
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         —	CCX.50.RG3.16U28M	PTFE	Brown	
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         —	CCX.75.040.195327G	PVC	Grey	
CCX.75.RG1.87AU26B         PFA         White           CCX.75.RG1.87AU27B         PTFE         White         ————————————————————————————————————	CCX.75.RG0.59BU62N	PVC	Black	×
CCX.75.RG1.87AU27B         PTFE         White         ————————————————————————————————————	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	-= 5-
	CCX.93.RG0.62AU62N	PVC	Black	×
CCX.95.RG1.95AU37B PFA White	CCX.95.RG1.80BU36M	PTFE	Brown	- <u>-</u> -
	CCX.95.RG1.95AU37B	PFA	White	

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