Part No:

HLL142A-NP-NP-48



Type N Male to Type N Male Armored Cable HLL142A Low Loss, 48 Inch, DC - 18 GHz

Features

- RoHS Compliant

The HASCO **HLL142A-NP-NP-48** is a 48 inch Type N Male to Type N Male test grade cable assembly with a passivated stainless steel armored jacket, made with HLL142A low loss flexible armored cable. The HLL142A is a Low Loss Armored Cable Series that is phase stable over temperature and phase stable vs. flexure. Features include low loss, low VSWR and high reliability, stainless steel armor, a PTFE dielectric and a silicone gasket, and heat shrink boots at both ends. This cable series is available with SMA and/or Type N connectors.

Electrical

• Impedance	50 Ω
• Frequency Range	DC - 18 GHz
• VSWR	1.25:1 Typical, 1.35:1 Max
• Velocity of Propagation	80%
• Insertion Loss	0.36 dB/ft @ 18 GHz (assembly, typical)
• Cable Loss (typical)	7.5 / 13.2 / 17.2 / 24.9 / 34.2 dB/100 ft @ 1 / 3 / 5 / 10 / 18 GHz
• Power CW	220 W @ 10 GHz

Mechanical

• Connector 1	Type N Male (Plug)
• Connector 2	Type N Male (Plug)
• Cable Length (Nominal)	1219.20 mm [48.00 in]
• Cable OD (LL142)	4.95 mm [0.195 in]
• Armored OD (nominal)	8.13 mm [0.32 in]

Environmental

• Temperature Range	-55°C to 125°C

Material

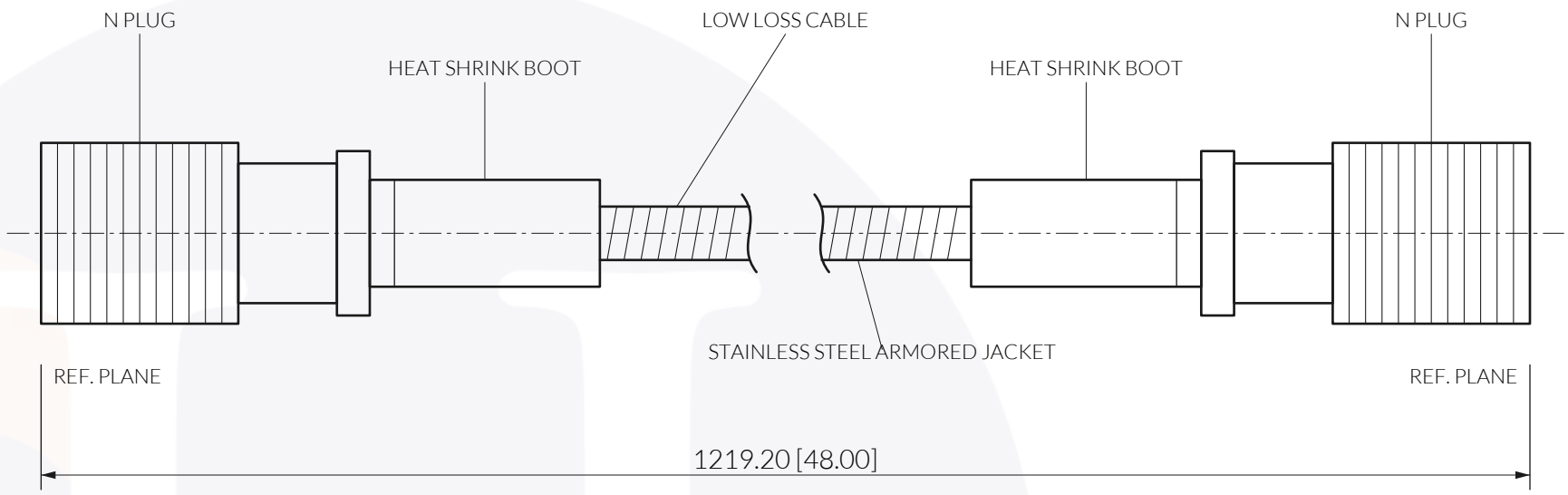
• Connector Body & Nut	Passivated Stainless Steel
• Center Contact	Gold Plated BeCu
• Cable Jacket	FEP
• Interlok Armor	Passivated Stainless Steel

Product specifications subject to change without notification.

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HLL142A Low Loss Armored Cable Assembly, Type N Male to Type N Male, 48 Inch | DC - 18 GHz | Outline Drawing



Nominal length (L), reference plane to reference plane

Schematic, not to scale. Connector and boot dimensions are not shown; the cable is drawn with a break.

LTR	DESCRIPTION	DATE	APPR.
-	PRELIMINARY		

DRAWN BY:

REVIEWED BY:

APPROVED BY:

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MATERIALS:	CAGE CODE:	SCALE:	SIZE:
SEE DATA SHEET	0T8L4	N/A	A

FINISHES:	PART NO./DRAWING NO.	REV:
SEE DATA SHEET	HLL142A-NP-NP-48	-

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