

STANDARD HARDLINE & ADAPTER SUMMARY SHEET



TYPICAL SPECIFICATIONS (DEPENDING ON CABLE TYPE)

Electrical

	Specification	Standard
Frequency Range	5 MHz – 3000 MHz	
Impedance	75 Ω Nominal	
Return loss	≥ 30 dB @ 5 MHz – 1000 MHz	IEC 61169-1, 9.2.1.4
Insertion loss	≤ 0.1 dB	
Inner conductor Resistance	≤ 0.5 m Ω @ 1A DC	IEC 61169-1, 9.2.3
Shielding	Minimum Class A++	EN 50117
Insulation Resistance	$\geq 29,99$ G Ω @ 500V DC	IEC 61169-1, 9.2.5
CPD	≤ -110 dBc	

Environmental

	Specification	Standard
Temperature range Operating	-40°C to +85°C	
Temperature range Installation	-5°C to +50°C	
Sealing Test (except F male interface)	IPX8 – 1 meter / 24 hours	IEC 60529
Corrosion Protection		ASTM B 117-94

Material and Finish

	Specification	Standard
Housing	NiSn (NITIN) plated Brass	ASTM B605
Inner conductor	NiSn (NITIN) plated Brass or Tin-bronze	ASTM B605
O-rings	EPDM or Nitrile	
Insulators	Polycarbonate or Polyethylene or ULTEM 1000	

Interfaces

Interfaces	Interface Standard	Ampere Rating [A] From HEX 14 to 38	Dielectric Strength [kV] IEC 61169-1, 9.2.6 From HEX 18 to 38	Dielectric Strength [kV] IEC 61169-1, 9.2.6 For HEX 14 only
3.5/12	IEC 61169-14	15	3	2
5/8 m – KSM	ANSI/SCTE 92	15	3	2
5/8 f - KSF	ANSI/SCTE 91	15	3	2
F	IEC 61169-24	4	2	2
IEC	IEC 61169-2	15	3	2
PG11	ANSI/SCTE 92	15	3	2
PG13,5	ANSI/SCTE 92	15	3	2
N	IEC 61169-16	15	2.5	2

Hardline types	Nominal Pull Strength min. [kg] ANSI/SCTE 99
A HEX 14	30
B HEX 18	50
D HEX 20	100
E HEX 22/24	130
G HEX 25	180
H HEX 27	180
M HEX 32	200
R HEX 38	244

All tests performed using instruments calibrated in accordance to our ISO 9001 certification.

Further test reports, technical specifications and installation instructions can be obtained on request.

In order to continue to supply the best products, PPC reserves the right to change the products and specifications at any time without prior notice