



Hardline Adapter / Connectors CT-Series/CTK Series

Features

Adapter

- Return loss > 25dB at 1 GHz
- Aluminium body with chromate conversion
- Electrical impedance 75 ohms
- Use 6262 aluminum alloy for excellent corrosion resistance
- Moisture-proof through durability design and implementation of UV Ozone-Resistant EPDM O-Rings
- Brass contact pins with bright acid tin plating providing excellent RF conductivity

Connectors

- Part numbers are permanently marked on the connector for easy identification
- Use 6262 aluminum alloy for excellent corrosion resistance
- Moisture-proof through durability design and implementation of UV Ozone-resistant EPDM O-rings
- Brass contact pin with bright acid tin plating providing excellent RF conductivity
- Cable center conductor cutting guide
- Visible entry of center conductor into siezing mechanism
- Same hexagon size used on both main body and back unit
- No torque wrench needed, metal to metal positive stop, ensures proper tightening of the connector

Specifications

Model	CT-625FG	CT-HH-M	CT-HH-FS	CT-TRM
Bandwidth	DC to 1 GHz	DC to 1 GHz	DC to 1 GHz	DC to 1 GHz
Nominal Impedance	75 Ω	75 Ω	75 Ω	75 Ω
Return Loss	> 25 dB @ 1GHz	> 25 dB @ 1GHz	> 25 dB @ 1GHz	> 30 dB @ 1GHz
Insertion Loss	< 0.2 dB @ 1GHz	$\leq$ 0.1 dB @ 1GHz	< 0.15 dB @ 1GHz	---
Operating Range	-40°C ~ 60°C	-40°C ~ 60°C	-40°C ~ 60°C	-40°C ~ 60°C
Interface	Meet SCTE IPS SP 501 / Meet SCTE IPS SP 400	Standard 5 / 8 - 24 UNEF	Standard 5 / 8 - 24 UNEF	Meet SCTE IPS SP 501

*CT-625F Return Loss > 16 dB @ 1GHz

Model	CT-D90	CT-D180
Bandwidth	DC to 1 GHz	DC to 1 GHz
Nominal Impedance	75 Ω	75 Ω
Return Loss	> 25 dB @ 1GHz	> 25 dB @ 1GHz
Insertion Loss	< 0.1 dB @ 1GHz	< 0.1 dB @ 1GHz
Operating Range	-40°C ~ 60°C	-40°C ~ 60°C
Interface	Meet SCTE IPS SP 501	Meet SCTE IPS SP 501

MODEL	Body Hex	Pin Type Model	Splice Model	F-Male Model	F-Female Model
CommScope P3 or Times Fiber T10	1"	CTK-412P-P3	CTK-412SP-P3	CTK-412FM-P3	CTK-412FF-P3
	1"	CTK-500P-P3	CTK-500SP-P3	CTK-500FM-P3	CTK-500FF-P3
CommScope QR	1"	CTK-540P-QR	CTK-540SP-QR	CTK-540FM-QR	CTK-540FF-QR
Times Fiber TX10	1"	CTK-565P-TX	CTK-565SP-TX	CTK-565FM-TX	CTK-565FF-TX
Bandwidth	DC - 1 GHz				
Nominal Impedance	75 Ω				
Return Loss	$\geq$ 30 dB @ 1GHz				
Insertion Loss	< 0.1 dB @ 1GHz				
Operating Range	-40°C ~ 60°C				
Interface	Meet SCTE IPS SP 501				

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.