



DESCRIPTION

Category 6A shielded inline coupler exceeds the performance requirements of Category 6A components and is compliant with 10 Gigabit Ethernet applications, providing up to 500 MHz of usable bandwidth for extended lineage without undue cost.

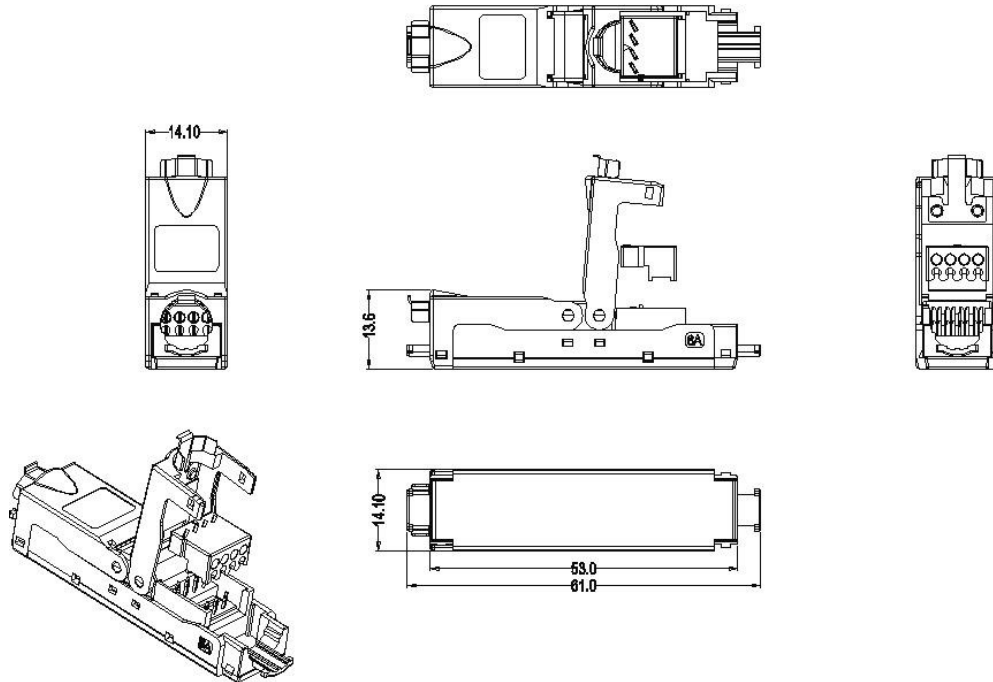
In addition, the closed line can be reactivated and can be extended to the next desired connection. Therefore, the narrow space in the cable duct is optimally utilized. The installer can simply screw the expansion module into the end of the pipe installed on the pipe or wall. After the installation is complete, the lines extending in this way can be used for the maximum link length.

APPLICATION

- Independent design, simple and beautiful and compact
- Unique PCB design, reduce interference, high margin
- The terminal housing material is made of zinc alloy material.
- System with backward compatibility with Cat. 6 and lower categories.



PRODUCT DIMENSIONS



CONSTRUCTION

Description	Parameter
Contact resistance (max)	20mΩ
Insulation resistance (min)	500MΩ
Return loss (dB)	5.0dB

ORDERING INFORMATION

Product code	Description	Color	Inner Box	Carton	Carton measurement (L*W*H)	Weight
3-1429001	Cat. 6A FTP Inline Coupler	Sliver	25 pcs.	250 pcs.	53 cm × 31 cm × 23 cm	7.50 kg



PERFORMANCE



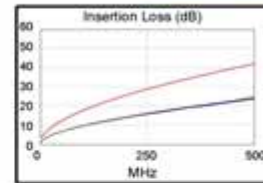
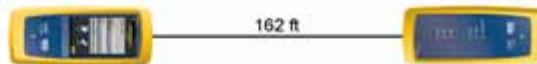
Test Summary: PASS

Date / Time: 09/28/2018 01:23:20 PM
Headroom 3.6 dB (NEXT 36-78)
Test Limit: ISO11801 PL3 Class Ea
Cable Type: Cat 6A F/UTP
NVP: 74.0%

Software Version: V5.5 Build 2
Limits Version: V6.3
Calibration Start Date:
Main (Module): 06/27/2018
Remote (Module): 06/27/2018

Model: DSX-8000
Main S/N: 1820424
Remote S/N: 1820428
Main Adapter: DSX-PLA804
Remote Adapter: DSX-PLA804

Length (ft), Limit 295	[Pair 45]	162
Prop. Delay (ns), Limit 498	[Pair 36]	225
Delay Skew (ns), Limit 44	[Pair 12]	2
Resistance (ohms), Limit 21.00	[Pair 78]	7.78
Insertion Loss Margin (dB)	[Pair 36]	17.5
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	42.1



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
NEXT (dB)	3.6	4.0	10.2	10.9
Freq. (MHz)	20.6	19.8	496.0	496.0
Limit (dB)	52.9	53.2	28.0	28.0

Worst Pair	78	78	36	36
PS NEXT (dB)	3.5	3.7	10.4	9.9
Freq. (MHz)	20.6	19.8	497.0	498.0
Limit (dB)	50.5	50.8	24.9	24.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-12	45-12	12-45
ACR-F (dB)	14.5	14.5	18.2	18.7
Freq. (MHz)	5.6	5.6	366.0	366.0
Limit (dB)	49.2	49.2	12.9	12.9

Worst Pair	45	45	12	36
PS ACR-F (dB)	15.0	15.1	19.8	22.4
Freq. (MHz)	5.6	5.8	362.0	500.0
Limit (dB)	46.2	46.0	10.0	7.2

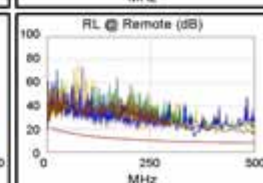
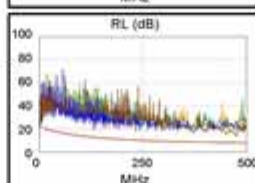
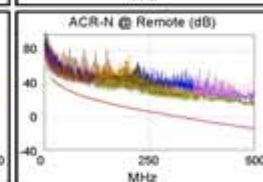
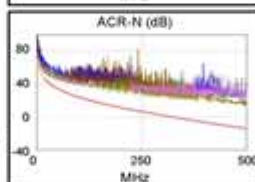
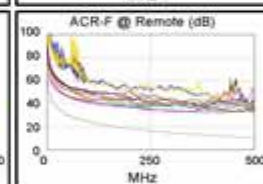
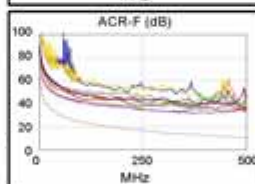
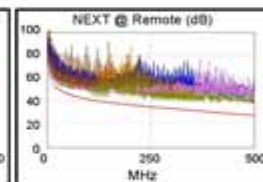
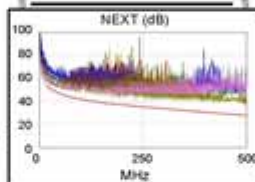
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-78
ACR-N (dB)	7.1	7.6	28.9	28.6
Freq. (MHz)	20.4	19.8	500.0	498.0
Limit (dB)	45.1	45.4	-14.2	-14.0

Worst Pair	78	78	36	36
PS ACR-N (dB)	7.0	7.2	27.8	27.4
Freq. (MHz)	20.4	19.6	497.0	498.0
Limit (dB)	42.7	43.1	-17.0	-17.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	78	45
RL (dB)	5.7	5.0	5.7	5.0
Freq. (MHz)	480.0	355.0	480.0	355.0
Limit (dB)	8.0	8.5	8.0	8.5

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
100BASE-T	100BASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-15 Active	TR-16 Passive



LinkWare™ PC Version 9.8

Project: DEFAULT

1.flw

