



- Real Cat6A coupler
- Particularly suitable for consolidation points and cross-connect cabling
- Fully shielded zinc die-cast housing
- Material: PC/ ABS
- Interface direct attached
- Compact version
- Various adapters available

Technical Datas

Mechanical Data	Requirements	Standard
Number of RJ45 jacks	2	
Operating temp. range	-10 °C to 60°C	
Humidity	95% (non -condensing)	
Contact material	Spring steel	
Contact surface	Gold over nickel plating	
Housing material shielded	Zinc alloy	
Insertion cycles	>750	ISO/IEC 11801 2Ed.

Electrical Data

Description	Standard value	Relevant Standard
Dielectric strength	>1000 Vdc	IEC60512-4a
Insulation resistance	>500MΩ	
Voltage rating	72V DC	ISO/IEC 11801
Input to output resistance	200 mΩ	EN 60512-2-1

Dielectric strength

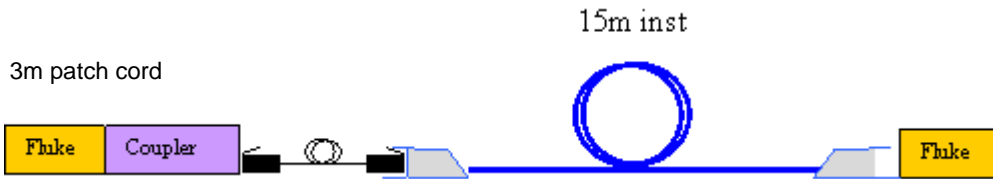
Climatic Data

Temperature	Temperature at storage in dry heat	Standard
Dry heat	+ 60 °C	IEC 60068 -2 - 2
Relative Humidity	90% to 96% non- condensing	IEC 60068- 2- 30

Standards

Description	Relevant Standard
POE / POE++ and 4PPoE compatible	IEEE 802.3bt /EN 50173-1
Type 1-4 (4PPoE)	IEC 60512-99-002
Electrical Characteristics of the Telecommunication Outlets	IEC 60603-7 / ISO/IEC 11801-1 Ed 1.0
Generic Cabling for customer premises	IEC 60512-99-001 / ISO/IEC 11801
10Gbit Ethernet	IEEE802.3an
Information Technology – Generic Cabling Systems Part 1:	ANSI EIA/TIA 568C.2

Tested Configuration



Cable ID: TST DA1-8-5 SAB

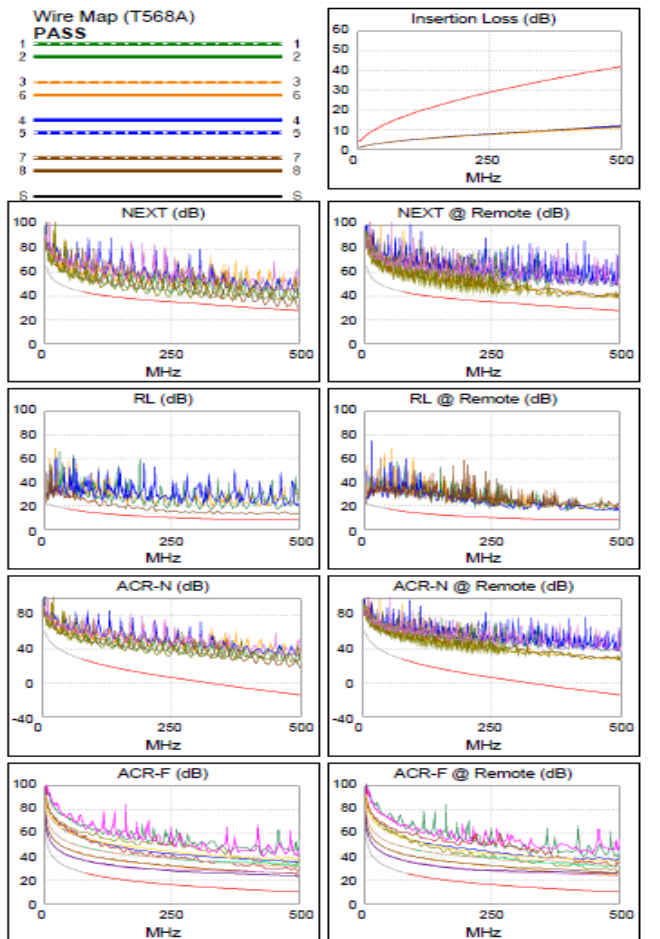
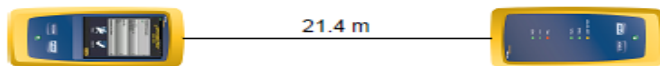
Date / Time: 05.09.2018 14:38:23
 Headroom 1.7 dB (NEXT 36-45)
 Test Limit: ISO11801 PL3 Class Ea
 Cable Type: Cat 7A S/FTP
 NVP: 76.0%

Operator: CO TST
 Software Version: V5.2 Build 1
 Limits Version: V6.1
 Calibration Date:
 Main (Module): 04.07.2018
 Remote (Module): 04.07.2018

Test Summary: PASS

Model: DSX-5000
 Main S/N: 3354109
 Remote S/N: 3354157
 Main Adapter: DSX-PLA004
 Remote Adapter: DSX-PLA004

Length (m), Limit 90.0	[Pair 12]	21.4
Prop. Delay (ns), Limit 498	[Pair 78]	96
Delay Skew (ns), Limit 44	[Pair 78]	2
Resistance (ohms), Limit 21.00	[Pair 36]	3.90
Insertion Loss Margin (dB)	[Pair 45]	30.1
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	42.1



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	36-78
NEXT (dB)	1.7*	6.9	2.0	8.5
Freq. (MHz)	481.0	208.5	500.0	446.0
Limit (dB)	28.4	36.6	27.9	29.3
Worst Pair	36	36	36	36
PS NEXT (dB)	3.7	7.6	4.1	9.9
Freq. (MHz)	481.0	209.0	499.0	495.0
Limit (dB)	25.3	34.0	24.9	25.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	78-36	36-78
ACR-F (dB)	9.2	9.2	12.6	13.0
Freq. (MHz)	1.8	1.8	497.0	497.0
Limit (dB)	59.3	59.3	10.3	10.3
Worst Pair	36	36	36	36
PS ACR-F (dB)	11.2	11.1	13.1	14.2
Freq. (MHz)	1.5	1.8	497.0	498.0
Limit (dB)	57.7	56.3	7.3	7.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-78
ACR-N (dB)	19.5	20.9	32.1	38.9
Freq. (MHz)	110.5	78.5	500.0	468.0
Limit (dB)	22.4	27.8	-14.2	-11.9
Worst Pair	36	36	36	36
PS ACR-N (dB)	20.5	21.4	34.5	40.2
Freq. (MHz)	110.5	78.8	499.0	495.0
Limit (dB)	19.8	25.3	-17.2	-16.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	78	45
RL (dB)	3.6	7.2	4.4	7.2
Freq. (MHz)	331.0	449.0	482.0	449.0
Limit (dB)	8.8	8.0	8.0	8.0

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 100BASE-T 10GBASE-T ATM-25
 ATM-51 ATM-155 100VG-AnyLan
 TR-4 TR-16 Active TR-16 Passive

* Measurement is within the accuracy limits of the instrument.

Dimensions

Coupler shielded

