BTICINO

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AXOLUTE
Data connectors

HD4279C6A

HD4258C11D

CONTENTS   Page

1. USE

Data connectors:
RJ45 - RJ11 - RJ12 - Telephone socket - Optical fiber sockets.

2. RANGE

CONNECTORS RJ45

	Type of connector	Cat.	Type of connection	Cat. Nos.
	RJ45	6 A STP	Toolless IDC	☐ HD4279C6A ☐ HC4279C6A ■ HS4279C6A
	RJ45	6 UTP	Toolless IDC	☐ HD4279C6 ☐ HC4279C6 ■ HS4279C6
	RJ45	6 STP	Toolless IDC	☐ HD4279C6S ☐ HC4279C6S ■ HS4279C6S
	RJ45	6 FTP	Toolless IDC	☐ HD4279C6F ☐ HC4279C6F ■ HS4279C6F
	RJ45	6 UTP	110 IDC	☐ HD4262C6 ☐ HC4262C6 ■ HS4262C6
	RJ45	6 STP	110 IDC	☐ HD4262C6S ☐ HC4262C6S ■ HS4262C6S

CONNECTORS RJ11- RJ12

	Type of connector	Cat.	Type of connection	Cat. Nos.
	RJ11	3	K10	☐ HD4258C11N ☐ HC4258/11N ■ HS4258/11N
	RJ11	3	K10	☐ HD4258C11D ☐ HC4258/11D ■ HS4258/11D
	RJ12	3	K10	☐ HD4258C12D ☐ HC4258/12D ■ HS4258/12D
	RJ12	3	AMP Barrel	☐ HD4262C12 ☐ HC4262/12 ■ HS4262/12

2. RANGE (continued)

TELEPHONE SOCKET MODULES

		Cat. Nos.
	Master telephone socket	☐ HD4238M ☐ HC4238M ■ HS4238M
	Secondary telephone socket	☐ HD4238S ☐ HC4238S ■ HS4238S

OPTICAL FIBER SOCKETS

		Cat. Nos.
	Coupling jack for optical fiber SC cable socket - duplex	☐ HD4268SC ☐ HC4268SC ■ HS4268SC
	Coupling jack for optical fiber ST cable socket - duplex	☐ HD4268ST ☐ HC4268ST ■ HS4268ST
	Coupling jack for optical fiber LC cable socket - duplex	☐ HD4268LC ☐ HC4268LC ■ HS4268LC

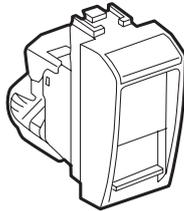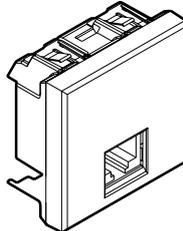Colour code:
☐ White
☐ Tech
■ Anthracite

AXOLUTE
Data connectors

Cat. No(s): HD4279C6A - HC4279C6A - HS4279C6A - HD4279C6 - HC4279C6 - HS4279C6 - HD4279C6S - HC4279C6S - HS4279C6S
HD4279C6F - HC4279C6F - HS4279C6F - HD4262C6 - HC4262C6 - HS4262C6 - HD4262C6S - HC4262C6S - HS4262C6S - HD4258C11N - HC4258/11N - HS4258/11N
HD4258C11D - HC4258/11D - HS4258/11D - HD4258C12D - HC4258/12D - HS4258/12D - HD4262C12 - HC4262/12 - HS4262/12
HD4238M - HC4238M - HS4238M - HD4238S - HC4238S - HS4238S - HD4268SC - HC4268SC - HS4268SC - HD4268ST - HC4268ST - HS4268ST
HD4268LC - HC4268LC - HS4268LC

3. OVERALL DIMENSIONS (mm)

| Cat. Nos.	A	B	C	D
HD/HC/HS4279C6A	45	22.3	31	13
HD/HC/HS4279C6	45	22.3	24.2	13
HD/HC/HS4279C6S	45	22.3	31	13
HD/HC/HS4279C6F	45	22.3	24.2	13
HD/HC/HS4262C6	45	22.3	25	9.5
HD/HC/HS4262C6S	45	22.3	30	9.5
HD/HC/HS4258C11N	45	22.3	17	9.5
HD/HC/HS4258C11D	45	45.1	12	9.5
HD/HC/HS4258C12D	45	45.1	12	9.5
HD/HC/HS4262C12	45	22.3	35.5	9.5
HD/HC/HS4238M	45	22.3	35.5	9.5
HD/HC/HS4238S	45	22.3	35.5	9.5
HD/HC/HS4268SC	45	22.3	27.6	11.9
HD/HC/HS4268ST	45	22.3	29.5	13
HD/HC/HS4268LC	45	22.3	19.5	16.5

4. CONNECTION

HD/HC/HS4279C6A: toolless IDC
HD/HC/HS4279C6: toolless IDC
HD/HC/HS4279C6S: toolless IDC
HD/HC/HS4279C6F: toolless IDC
HD/HC/HS4262C6: 110 IDC
HD/HC/HS4262C6S: 110 IDC

HD/HC/HS4258C11N: K10
HD/HC/HS4258C11D: K10
HD/HC/HS4258C12D: K10
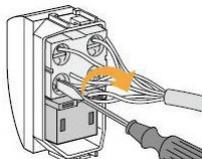
HD/HC/HS4262C12: AMP BARREL:
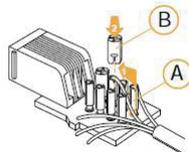
HD/HC/HS4238M - HD/HC/HS4238S:
   Screw clamps
   Stripping length (rigid or flexible cables)= 4 mm

5. TECHNICAL FEATURES

5.1 Protection class
IP: 21 D
IK: 03

5.2 Materials
Contacts: gold/nickel, thickness of gold > 0.8 μm minimum
Metal parts: bronze, nickel, platinum, gold
Polycarbonate PBT
For the STP products the body and the spreader are made of metal alloy with copper/nickel coating.
Material: ABS for cover plates
Colour: White - Tech - Anthracite
Halogen-free
UV resistant
Self-extinguishing:
  + 850°C/30 s for insulating parts holding live parts in place
  + 650°C/30 s for other parts made of insulating materials

5.3 Climatic features
Storage and usage temperature: - 5°C to + 35°C

6. MAINTENANCE

Clean the surface with a cloth.
Do not use: acetone, tar-removing cleaning agents or trichloroethylene.

> **Attention:** An initial test is required for the use of other special maintenance products.

7. STANDARDS AND APPROVALS

Comply with installation and production standards.
See e-catalogue.

8. PERFORMANCE

HD/HC/HS4279C6A: RJ45 cat 6A STP
HD/HC/HS4279C6: RJ45 cat 6 UTP
HD/HC/HS4279C6S: RJ45 cat 6 STP
HD/HC/HS4279C6F: RJ45 cat 6 FTP
HD/HC/HS4262C6: RJ45 cat 6 UTP
HD/HC/HS4262C6S: RJ45 cat 6 STP
HD/HC/HS4258C11N: RJ11 cat 3
HD/HC/HS4258C11D: RJ11 cat 3
HD/HC/HS4258C12D: RJ12 cat 3
HD/HC/HS4262C12: RJ12 cat 3
HD/HC/HS4238M: UK master telephone socket BS6312-2-1, BS6312-2-2
HD/HC/HS4238S: UK secondary telephone socket BS6312-2-1, BS6312-2-2
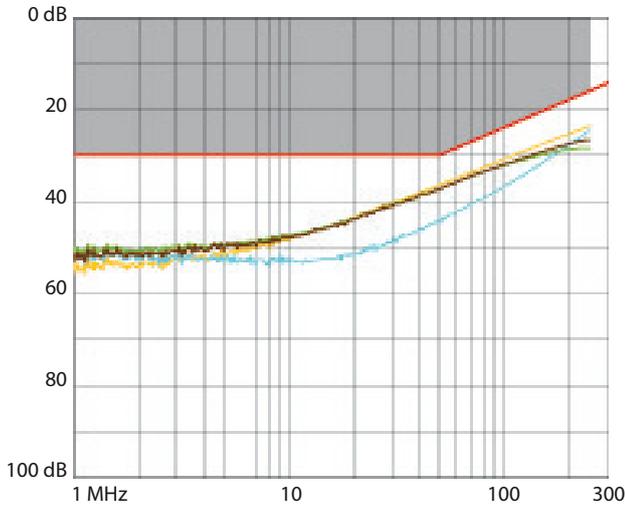HD/HC/HS4268SC: coupling jack for optical fiber; SC cable socket - duplex
HD/HC/HS4268ST: coupling jack for optical fiber; ST cable socket - duplex
HD/HC/HS4268LC: coupling jack for optical fiber; LC cable socket - duplex
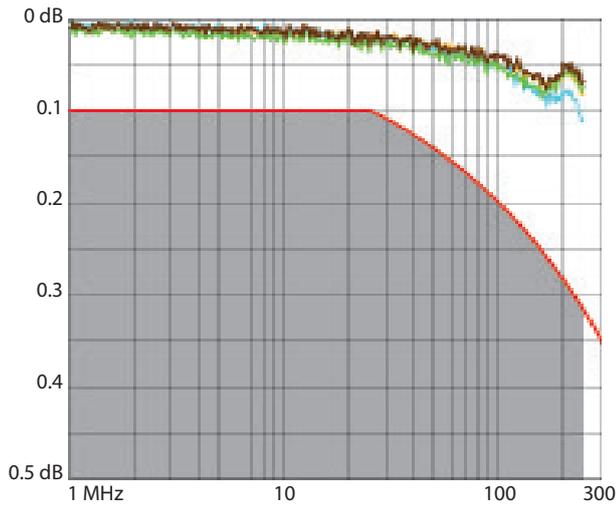
AXOLUTE
Data connectors

Cat. No(s): **HD4279C6A - HC4279C6A - HS4279C6A - HD4279C6 - HC4279C6 - HS4279C6 - HD4279C6S - HC4279C6S - HS4279C6S**
HD4279C6F - HC4279C6F - HS4279C6F - HD4262C6 - HC4262C6 - HS4262C6 - HD4262C6S - HC4262C6S - HS4262C6 - HD4258C11N - HC4258/11N - HS4258/11N
HD4258C11D - HC4258/11D - HS4258/11D - HD4258C12D - HC4258/12D - HS4258/12D - HD4262C12 - HC4262/12 - HS4262/12
HD4238M - HC4238M - HS4238M - HD4238S - HC4238S - HS4238S - HD4268SC - HC4268SC - HS4268SC - HD4268ST - HC4268ST - HS4268ST
HD4268LC - HC4268LC - HS4268LC

8. PERFORMANCE

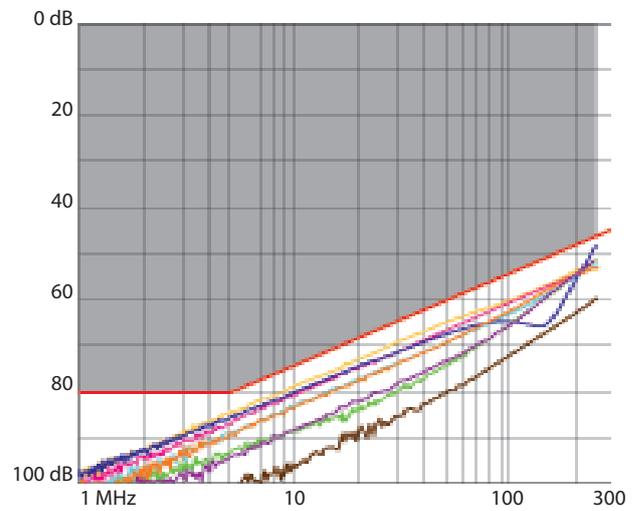### 8.1 Performance of components (RJ 45 connectors)
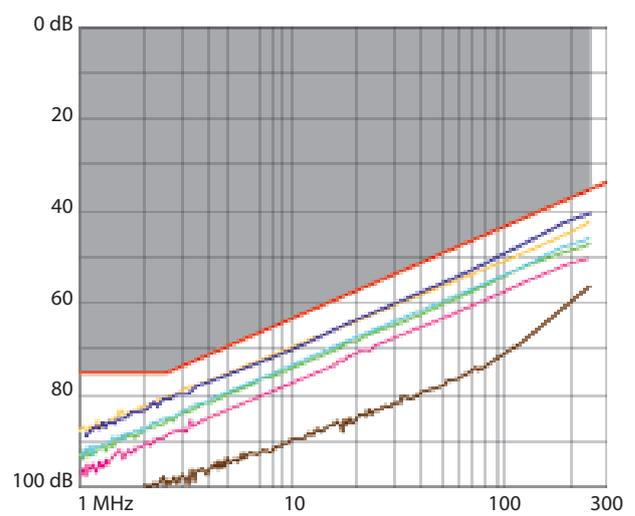Return loss

Attenuation

8. PERFORMANCE (continued)

8.1 Performance of components (RJ 45 connectors)
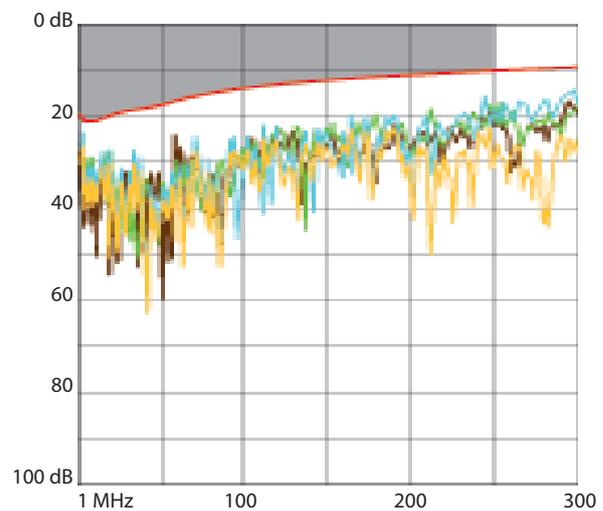NEXT (Near end Crosstalk Attenuation)

FEXT (Far end Crosstalk Attenuation)

8.2 Performance of permanent link with F/UTP cable
Return loss

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Technical data sheet: F01754EN/00   Updated: Created on: 30/04/2013   **bticino**

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Data connectors

Cat. No(s): HD4279C6A - HC4279C6A - HS4279C6A - HD4279C6 - HC4279C6 - HS4279C6 - HD4279C6S - HC4279C6S - HS4279C6S
HD4279C6F - HC4279C6F - HS4279C6F - HD4262C6 - HC4262C6 - HS4262C6 - HD4262C6S - HC4262C6S - HS4262C6S - HD4258C11N - HC4258/11N - HS4258/11N
HD4258C11D - HC4258/11D - HS4258/11D - HD4258C12D - HC4258/12D - HS4258/12D - HD4262C12 - HC4262/12 - HS4262/12
HD4238M - HC4238M - HS4238M - HD4238S - HC4238S - HS4238S - HD4268SC - HC4268SC - HS4268SC - HD4268ST - HC4268ST - HS4268ST
HD4268LC - HC4268LC - HS4268LC

8. PERFORMANCE *(continued)*

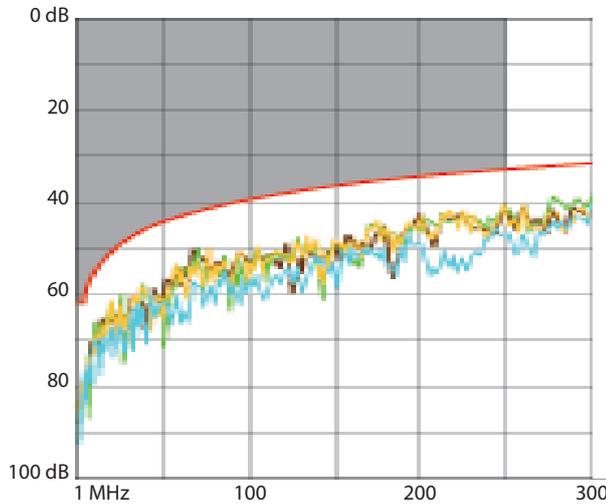### 8.2 Performance of permanent link with F/UTP cable
Attenuation
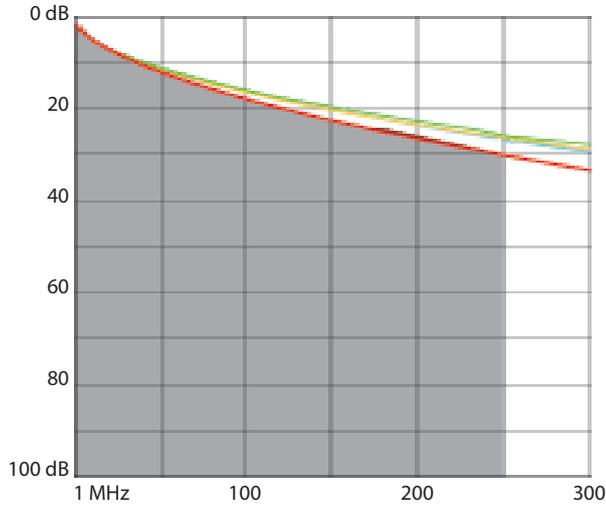
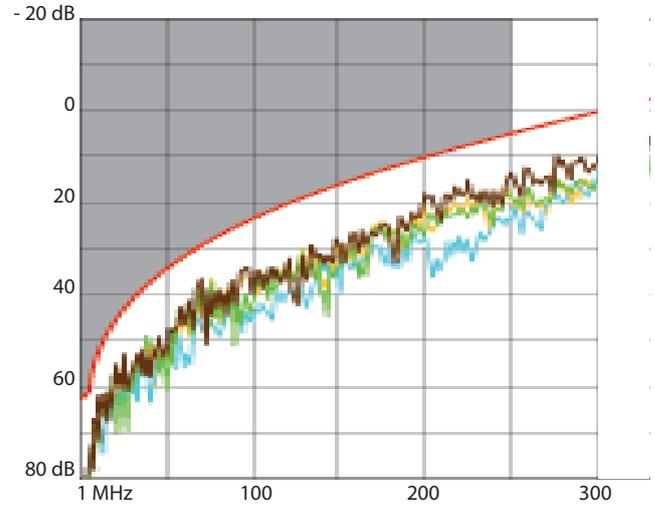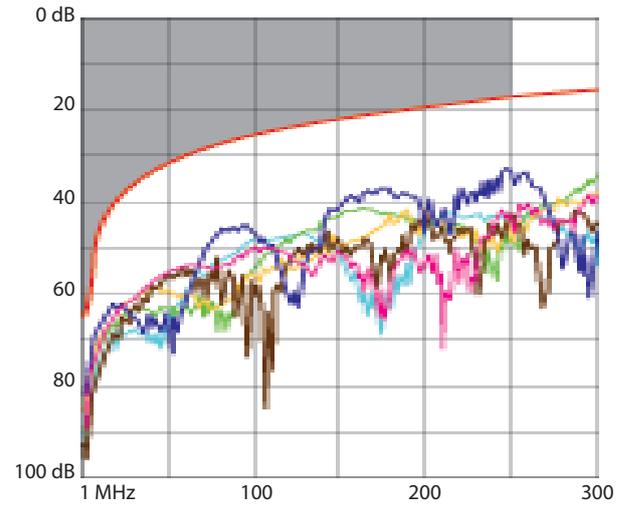NEXT (Near end Crosstalk Attenuation)
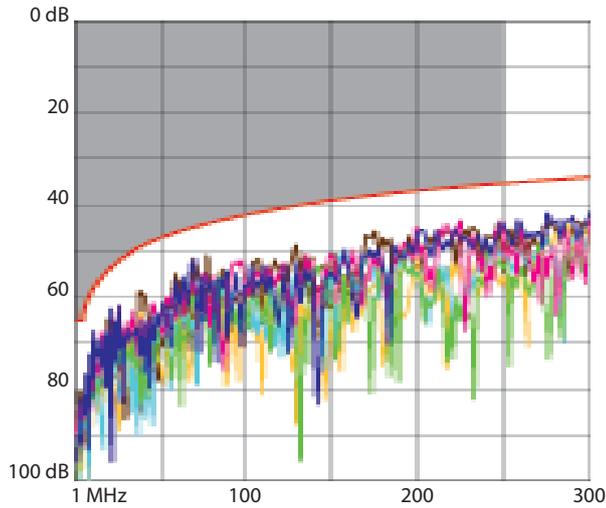
PS NEXT (Power Sum NEXT)

8. PERFORMANCE *(continued)*

8.2 Performance of permanent link with F/UTP cable *(continued)*
Attenuation

NEXT (Near end Crosstalk Attenuation)

Delay skew