

# NETWORK COMMUNICATION SOLUTIONS

## LAN CABLES

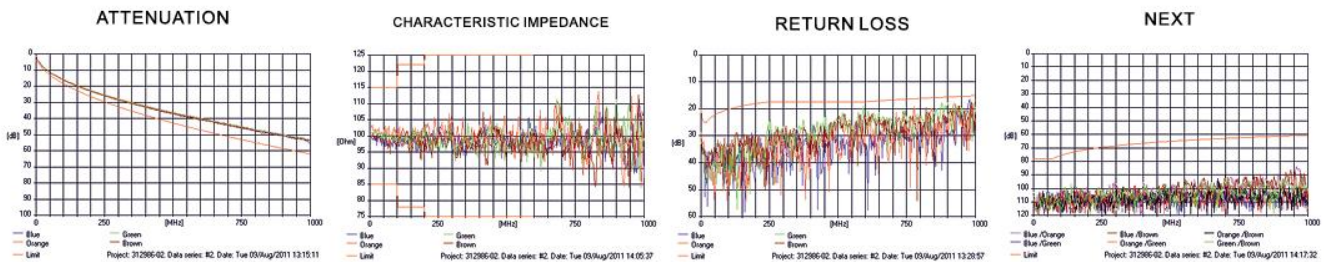
### S/FTP Cat7a



#### FEATURES AND BENEFITS

- » Exceeds CAT7 a standard specifications
- » Available in different colors on request

#### Transmission specifications



- » Temperature range(C °): -40 to 70
- » Velocity ratio(%): 80
- » Characteristic impedance:  
(From 1 to 100 MHz)100±15 Ohm  
(From 100 to 250 MHz)100±20 Ohm  
(From 250 to 600 MHz)100±25 Ohm
- » Bending radius (min.): 8 x cable diameter
- » Flame retardancy: CMP, CMR, CMG, CM
- » It can be tested up to 1000 MHz
- » ETL Conformance Number is 101768951CRT-001d

#### Construction

Conductor (dia.mm)	23 AWG SBC 0.57
Insulation (dia.mm)	Skin-Foam-Skin 1.32
Al-PET shielded	>=125%
Drain wire	TC 04
Braiding coverage(%)	TC 30% to 68%
Jacket (dia.mm)	PVC/LSZH 7.5 ± 0.5
No. of pairs	4

#### Product Description

- » Rated temperature: 90 °C
- » Reference Standard: UL444, UL1581
- » Bare solid copper conductor
- » Rohs/REACH complied PVC / LSZH Jacket
- » Flame Test: IEC60332-1 ,IEC60332-3C CMX
- » Installation temperature:-30°C + 50 °C

#### STANDARDS AND PERFORMANCES

- » EN 50288-4-1
- » IEC 61156-5
- » EN 50173 Edition 2 – CLASS F
- » ISO 11801 Edition 2 – CLASS F

#### Application:

- » Volp , ISDN
- » Token , 100M TP-PDM
- » Analog and Data Video
- » TR-16 Active And Passive
- » 155M/622m/1.2GATM
- » IEEE802.3, 100Base;100Base-T 1000Base-T 10GBase-T