

## LANmark-7 Splitter Cords

Splitter Patch Cord GG45 - 2xEthernet RJ45 Screened 3m LSZH Grey

Nexans ref.: N101.2A9FG

- Patch cords to allow application sharing with GG45
- Compatible with ISO 11801
- Compatible with ISO 15018 draft
- Performance : Cat 5 Class D 2002
- Pin wire assignement : 1236-1236 (ethernet)
- black and red moulded boot

### Description

#### Application

LANmark-7 Splitter cords allow to run multiple applications at the same time using only 1 GG45 permanent link.

LANmark-7 cable provides 4 individually shielded cable pairs . The GG45 Connector maintains the individual shields due to its internal metal cross and creates 4 completely shielded end to end communications channels, which can be used by different applications simultaneously. The LANmark-7 splitter cords allow to address each communication channel individually.

Many applications do not use all 4-pairs provided by the cable. Analogue telephony and CATV for example need only 1 pair, many data protocols like Ethernet and Fast Ethernet use 2 pairs.

Broadband Applications supported

LANmark-7 systems support CATV/CCTV applications and comply with the requirement for BCT in the ISO15018 Draft for Home Applications. Each of the 4 communication channels supports the CATV/CCTV applications up to 1000MHZ.

Up to the maximum of 4 pairs different combinations are supported:

- 4 services : eg. 4 x 1 pair applications such as voice, fax, CATV/CCTV
- 3 services: eg. 2 x 1 pair applications plus 1 x 2 application such as Ethernet or Fast Ethernet
- 2 services: eg. 2 x 2 pair applications
- 1 service: eg. 1 x 4 pair application such as Gigabit Ethernet

#### Description

The patch cords always have 1 GG45 Plug on the wall outlet side and multiple connectors on the user side. The GG45 Plugs terminates to cables, held together by a molded boot. On the user side the patch cords use standard RJ45 connectors.

#### Guarantees

- Reliable connections with LANmark-7 GG45 and User Terminals
- up to 750 insertions
- Compatible with IEC 61076-3-110 and IEC 60603-7 series



## LANmark-7

#### Standards

International ISO/IEC 11801



Flame retardant  
IEC 60332-1

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### Properties

- Grey Color
- 1, 2, 3 and 5m are standard lengths; others lengths are available on demand



Flame retardant  
IEC 60332-1

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### Characteristics

Construction characteristics	
Sheath colour	Light grey
Outer sheath	LSZH-FR
Electrical characteristics	
Characteristic impedance	100 Ohm
Usage characteristics	
Length	3 m
Mechanical durability/matings	750
Flame retardant	IEC 60332-1