

DIGITUS® Fiber Optic MPO Patch Cables



✓ Suitable for high bandwidths

✓ Low insertion loss

✓ 12 fibers

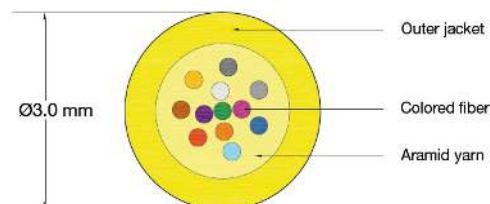
✓ Classes OS2, OM2, OM3 & OM4

Abstract

DIGITUS® Fiber Optic MPO Patch Cables, 12 fibers, classes OS2, OM2, OM3 and OM4, various lengths available

Features

- Saves space in the cabinet
- Compact design of the plugs
- Low insertion loss
- High quality and future safety
- Available fibers: OS2, OM2, OM3, OM4
- Polarity: Method A



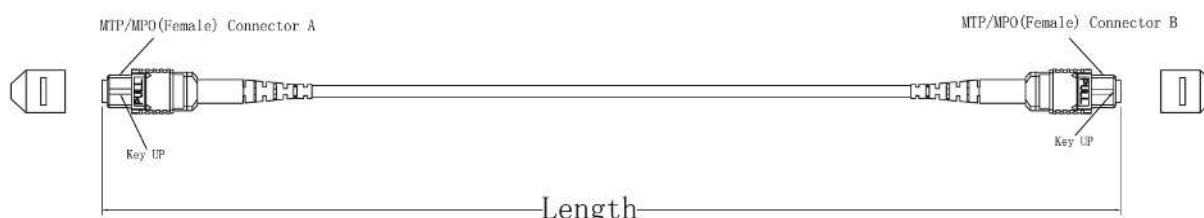
Product Overview

The DIGITUS® MPO patch cable allows data rates of 40 Gb/s or 100 Gb/s and is the answer of the needed growing bandwidths of datacenters. The standardized IEC61754-7 and TIA/EIA 604-5 MPO plug guarantees the best performance in the whole network and is hardly larger than a standard RJ45 plug. The excellent attenuation and the compact design makes this patch cord the first choice, if we talk about bandwidth and performance. The DIGITUS® MPO patch cables are available as OS2 Singlemode, OM2, OM3 and OM4 Multimode version in various lengths up to 100 meters.

Typical Application Areas

- Data Center Networks
- 10 and 40|100 Gigabit Ethernet

Technical Drawings



Specifications

Fiber type	OS2 Singlemode 09/125 μ	OM2 Multimode 50/125 μ	OM3 Multimode 50/125 μ	OM4 Multimode 50/125 μ
Polish	APC	PC	PC	PC
Housing color	Green	Beige	Aqua	Purple
Jacket color	Yellow	Orange	Aqua	Purple
Plug	MPO-Female	MPO-Female	MPO-Female	MPO-Female
Number of fibers	12	12	12	12
Cable diameter	3 mm	3 mm	3 mm	3 mm
Connector certification	IEC61754-7 and TIA/EIA 604-5			
Flame retardant tests	IEC-60332-1, IEC-61034, IEC-60754-1 & 2			
Operating wavelengths (min. to max.)	1310-1620	850-1310	850-1310	850-1310
Insertion loss	< 0,75 dB	< 0,5 dB	< 0,5 dB	< 0,5 dB
Return loss	< -40 dB	< -40 dB	< -40 dB	< -40 dB
Operating temperature	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C
Storage temperature	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C
Tensile strength	> 10 kg	> 10 kg	> 10 kg	> 10 kg
Life cycle	1000 matings	1000 matings	1000 matings	1000 matings
Polarity	Method A	Method A	Method A	Method A

Product Number Information

MPO Patch Cables, OS2, Singlemode, 09/125μ

DK-2966-01	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 1 m
DK-2966-02	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 2 m
DK-2966-03	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 3 m
DK-2966-05	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 5 m
DK-2966-10	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 10 m
DK-2966-15	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 15 m
DK-2966-20	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 20 m
DK-2966-25	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 25 m
DK-2966-30	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 30 m
DK-2966-35	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 35 m
DK-2966-40	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 40 m
DK-2966-50	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 50 m
DK-2966-60	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 60m
DK-2966-70	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 70 m
DK-2966-80	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 80 m
DK-2966-90	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 90 m
DK-2966-100	DIGITUS® MPO patch cables, OS2, Singlemode, 09/125 μ, length 100 m

MPO patch cables, OM2, Multimode, 50/125 µ

DK-2566-01	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 1 m
DK-2566-02	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 2 m
DK-2566-03	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 3 m
DK-2566-05	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 5 m
DK-2566-10	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 10 m
DK-2566-15	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 15 m
DK-2566-20	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 20 m
DK-2566-25	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 25 m
DK-2566-30	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 30 m
DK-2566-35	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 35 m
DK-2566-40	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 40 m
DK-2566-50	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 50 m
DK-2566-60	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 60 m
DK-2566-70	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 70 m
DK-2566-80	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 80 m
DK-2566-90	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 90 m
DK-2566-100	DIGITUS® MPO patch cables, OM2, Multimode, 50/125 µ, length 100 m

MPO patch cables, OM3, Multimode, 50/125 µ

DK-2566-01/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 1 m
DK-2566-02/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 2 m
DK-2566-03/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 3 m
DK-2566-05/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 5 m
DK-2566-10/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 10 m
DK-2566-15/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 15 m
DK-2566-20/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 20 m
DK-2566-25/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 25 m
DK-2566-30/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 30 m
DK-2566-35/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 35 m
DK-2566-40/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 40 m
DK-2566-50/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 50 m
DK-2566-60/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 60 m
DK-2566-70/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 70 m
DK-2566-80/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 80 m
DK-2566-90/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 90 m
DK-2566-100/3	DIGITUS® MPO patch cables, OM3, Multimode, 50/125 µ, length 100 m

MPO patch cables, OM4, Multimode, 50/125 μ

DK-2566-01/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 1 m
DK-2566-02/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 2 m
DK-2566-03/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 3 m
DK-2566-05/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 5 m
DK-2566-10/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 10 m
DK-2566-15/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 15 m
DK-2566-20/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 20 m
DK-2566-25/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 25 m
DK-2566-30/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 30 m
DK-2566-35/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 35 m
DK-2566-40/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 40 m
DK-2566-50/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 50 m
DK-2566-60/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 60 m
DK-2566-70/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 70 m
DK-2566-80/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 80 m
DK-2566-90/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 90 m
DK-2566-100/4	DIGITUS [®] MPO patch cables, OM4, Multimode, 50/125 μ , length 100 m