



Patch Cords OM4

2mm simplex and duplex with violet cable jacket

Features

- High performance 50 μm OM4 fibers
- SC, LC, ST, MTRJ and SMA connectors
- Halogen-free flame-retardant material (HFFR)

Application

The assemblies are designed to meet the standards mainly used in datacenter, local area network and industrial applications. The precision polished connectors ensures low insertion loss and lowest back reflection.

Design

The OM4-series has an extended operating temperature range, -40°C to +70°C. This makes them very stable over time in various environmental conditions.

The cables are designed with 2 mm jacket and are made of halogen-free flame-retardant (HFFR) material giving excellent protection.

Product Information

Simplex diameter: 2 mm

Duplex: 2x2mm

Technical Information

Temperature, Operation [°F]	-40 to +70°
Temperature, Storage [°F]	-40 to +70°
Fiber Type	OM4
Insertion Loss, max [dB]	≤ 0,2

Conformance

IEC 61754 series: Fiber connector interfaces

IEC 61755 series: Fiber optic connector optical interfaces

IEC 61753 series: Fiber optical interconnecting devices and passive components performance standard

IEC 61300 series: Fiber optic interconnecting devices and passive components – basic test and measurement

IEC 60794-2-50: Indoor optical fiber cables for simplex and duplex cables for use in patch cords

OM1-OM5: Characteristics of MM optical fiber

IEC 60332-3-24: Test - flame propagation of Ø 2 mm patch cables installed vertically in shafts

UL1666

UL94 V-0: Flame resistance on connectors

Technical Notes

Insertion loss measured according to IEC61300-3-4

Return loss measured according to IEC61300-3-10

Articles 47

Article name	Color	No. of Fibers	Layout	Length [ft]	Form of Delivery
Patch Cord MM 2x50/125 OM4 ST/PC-ST/PC Violet 10m D42210	Violet	2	ST-ST	10	Plastic Bag
Patch Cord MM 2x50/125 OM4 ST/PC-ST/PC Violet 20m D42220	Violet	2	ST-ST	20	Plastic Bag
Patch Cord MM 2x50/125 OM4 ST/PC-ST/PC Violet 30m D42230	Violet	2	ST-ST	30	Plastic Bag
Patch Cord MM 2x50/125 OM4 ST/PC-SC/PC Violet 2m D42402	Violet	2	ST-SC	2	Plastic Bag
Patch Cord MM 2x50/125 OM4 ST/PC-LC/PC Violet 0,5m D42L00-5	Violet	2	ST-LC	0.5	Plastic Bag
Patch Cord MM 2x50/125 OM4 ST/PC-LC/PC Violet 1m D42L01	Violet	2	ST-LC	1	Plastic Bag
Patch Cord MM 2x50/125 OM4 ST/PC-LC/PC Violet 10m D42L10	Violet	2	ST-LC	10	Plastic Bag
Patch Cord MM 2x50/125 OM4 ST/PC-LC/PC Violet 20m D42L20	Violet	2	ST-LC	20	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 0,5m D44400-5	Violet	2	SC-SC	0.5	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 1m D44401	Violet	2	SC-SC	1	Plastic Bag

Article name	Color	No. of Fibers	Layout	Length [ft]	Form of Delivery
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 2m D44402	Violet	2	SC-SC	2	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 3m D44403	Violet	2	SC-SC	3	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 5m D44405	Violet	2	SC-SC	5	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 7m D44407	Violet	2	SC-SC	7	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 10m D44410	Violet	2	SC-SC	10	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 15m D44415	Violet	2	SC-SC	15	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 20m D44420	Violet	2	SC-SC	20	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 25m D44425	Violet	2	SC-SC	25	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 30m D44430	Violet	2	SC-SC	30	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-SC/PC Violet 50m D44450	Violet	2	SC-SC	50	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-LC/PC Violet 0,5m D44L00-5	Violet	2	SC-LC	0.5	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-LC/PC Violet 1m D44L01	Violet	2	SC-LC	1	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-LC/PC Violet 2m D44L02	Violet	2	SC-LC	2	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-LC/PC Violet 3m D44L03	Violet	2	SC-LC	3	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-LC/PC Violet 5m D44L05	Violet	2	SC-LC	5	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-LC/PC Violet 7m D44L07	Violet	2	SC-LC	7	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-LC/PC Violet 10m D44L10	Violet	2	SC-LC	10	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-LC/PC Violet 15m D44L15	Violet	2	SC-LC	15	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-LC/PC Violet 20m D44L20	Violet	2	SC-LC	20	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-LC/PC Violet 25m D44L25	Violet	2	SC-LC	25	Plastic Bag
Patch Cord MM 2x50/125 OM4 SC/PC-LC/PC Violet 30m D44L30	Violet	2	SC-LC	30	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 0,5m D4LL00-5	Violet	2	LC-LC	0.5	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 1m D4LL01	Violet	2	LC-LC	1	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 1,5m D4LL01-5	Violet	2	LC-LC	1.5	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 2m D4LL02	Violet	2	LC-LC	2	Plastic Bag

Article name	Color	No. of Fibers	Layout	Length [ft]	Form of Delivery
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 3m D4LL03	Violet	2	LC-LC	3	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 5m D4LL05	Violet	2	LC-LC	5	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 6m D4LL06	Violet	2	LC-LC	6	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 7m D4LL07	Violet	2	LC-LC	7	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 8m D4LL08	Violet	2	LC-LC	8	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 9m D4LL09	Violet	2	LC-LC	9	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 10m D4LL10	Violet	2	LC-LC	10	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 12m D4LL12	Violet	2	LC-LC	12	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 15m D4LL15	Violet	2	LC-LC	15	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 20m D4LL20	Violet	2	LC-LC	20	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 25m D4LL25	Violet	2	LC-LC	25	Plastic Bag
Patch Cord MM 2x50/125 OM4 LC/PC-LC/PC Violet 30m D4LL30	Violet	2	LC-LC	30	Plastic Bag