



# Multimode MTP®

**MTP are multifiber connectors with up to 24 fibers in a connector, enabling efficient cross-coupling and handling of large amounts of fiber.**

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## Features

- Indoor use
- Thin diameter
- 100% testing
- Elite or Standard connectors MTP®

## Application

Data Center

## Design

LSZH (OFNR)

## Product Information

OM3 Aqua

OM4 Mangenta (Violet)

## Technical Information

<b>Temperature, Operation [°C]</b>	-20 / +60°C
<b>Temperature, Storage [°C]</b>	-20 / +60°C
<b>Temperature, Installation [°C]</b>	-10 / +50°C
<b>Fiber Type</b>	OM3;OM4
<b>Attenuation @Wavelength [nm]</b>	850
<b>Average Attenuation [dB/km]</b>	3.5
<b>Insertion Loss, max [dB]</b>	≤0,2dB Elite / ≤0,35dB Standard
<b>Return Loss, min [dB]</b>	min 20 dB IEC61300-3-6
<b>Conformance</b>	IEC 60332-3-24 Flame IEC 60794-1-2 Bending 60794-1-2 Crush 60794-1-2 Tensile
<b>Marking</b>	Each cable is marked with manufacturing date and serial number

## Articles 107

Article name	Color	No. of Fibers	Layout	Tensile Force, Installation [N]	Diameter Ø [mm]	Weight [kg/km]	Length [m]	Form of Delivery
Patch cable 12f OM4 PoIB MTP(m)-MTP(m) 3m HTSR3946054/3000	Violet	12	MTP-MTP	≤30	3	0.044	3	Plastic Bag
Patch cable 12f OM4 PoIB MTP(f)-MTP(f) 3m HTSR3946056/3000	Violet	12	MTP-MTP	≤30	3	0.044	3	Plastic Bag
Fanout cable 24f OM4 MTP Elite - LC Duplex 15m HTSR3946144/2000	Violet	24	MTP-LC	≤30	3	–	15	Plastic Bag
Fanout cable 24f OM4 MTP Elite - SC Duplex 15m HTSR3946149/2000	Violet	24	MTP-SC	≤30	3	–	15	Plastic Bag
Patch cable 24f OM4 Pol C MTP(f) - MTP(f) Elite 20m HTSR3946153/20M	Violet	24	MTP-MTP	≤30	3	–	20	Plastic Bag
Patch cable 24f OM4 Pol C MTP(f) - MTP(f) 4m HTSR3946153/4000	Violet	24	MTP-MTP	≤30	3	–	4	Plastic Bag
Patch cable 24f OM4 Pol C MTP(f) - MTP(f) 8m HTSR3946153/8000	Violet	24	MTP-MTP	≤30	3	–	8	Plastic Bag
Patch cable 8f OM3 QSFP MTP(f) - LC 15m HTSR3945035/15M	Aqua	8	MTP-LC	–	3	–	15	Plastic Bag
Patch cable 12f OM3 Pol A MTP(f) - MTP(f) Elite 5m HTSR3945043/5000	Turquoise	12	MTP-MTP	≤30	3	–	5	Plastic Bag
Patch cable 8f OM3 QSFP MTP(f) Elite - LC 15m HTSR3945045/15M	Aqua	8	MTP-LC	–	3	–	15	Plastic Bag
Patch cable 12f OM3 Pol A MTP(f) - MTP(f) Elite 10m HTSR3945043/10M	Turquoise	12	MTP-MTP	≤30	3	–	10	Plastic Bag
Fiberkablage 12f OM4 Pol C MTP(f) - MTP(f) Elite 12.5m HTSR3946053/17.5MR1A	–	12	MTP-MTP	–	–	–	17.5	–
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 22.5m HTSR3946053/22.5M	Violet	12	MTP-MTP	≤30	3	–	22.5	Plastic Bag
Fiberkablage 12f OM4 Pol C MTP(f) - MTP(f) Elite 2.5m HTSR3946053/2500MR1A	–	12	MTP-MTP	–	–	–	2.5	–
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 35m HTSR3946053/35M	Violet	12	MTP-MTP	≤30	3	–	35	Plastic Bag
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 37.5m HTSR3946053/37.5M	Violet	12	MTP-MTP	≤30	3	–	37.5	Plastic Bag
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 50m HTSR3946053/50M	Violet	12	MTP-MTP	≤30	3	–	50	Plastic Bag
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 52.5m HTSR3946053/52.5M	Violet	12	MTP-MTP	≤30	3	–	52.5	Plastic Bag
Patch cable 24f OM4 PolA MTP(f) Elite- MTP(f) Elite 25m HTSR3946137/25M	Violet	12	MTP-MTP	≤30	3	–	25	Plastic Bag
Patch cable 24f OM4 Pol C MTP(f) - MTP(f) Elite 32.5m HTSR3946153/32.5M	Violet	12	MTP-MTP	≤30	3	–	32.5	Plastic Bag
Patch cable 24f OM4 Pol C MTP(f) - MTP(f) Elite 52.5m HTSR3946153/52.5M	Violet	12	MTP-MTP	≤30	3	–	52.5	Plastic Bag
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 20m HTSR3946044/20M	Violet	12	MTP-MTP	–	3	–	20	Plastic Bag

Article name	Color	No. of Fibers	Layout	Tensile Force	Installation [N]	Diameter Ø [mm]	Weight [kg/km]	Length [m]	Form of Delivery
Patch cable 12f OM4 Pol A MTP(f) - MTP(f) Elite 6m HTSR3946043/6000	Violet	12	MTP-MTP	≤30	3	–	6	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 7m HTSR3946044/7000	Violet	12	MTP-MTP	–	3	–	7	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) 2m HTSR3946056/2000	Violet	12	MTP-MTP	≤30	3	–	2	Plastic Bag	
Patch cable 24f OM4 PolA MTP(f) Elite- MTP(f) Elite 6m HTSR3946137/6000	Violet	24	MTP-MTP	≤30	≤4	–	6	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 5m HTSR3946044/5000	Violet	12	MTP-MTP	–	3	–	5	Plastic Bag	
Fanout kablage 8f OM4 MTP(f) Elite - LC Duplex 5m HTSR3946644/5000	Violet	8	MTP-LC	–	3	–	5	Plastic Bag	
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 75m HTSR3946053/7500	Violet	12	MTP-MTP	≤30	3	–	75	Plastic Bag	
Patch cable 24f OM4 PolA MTP(f) Elite- MTP(f) Elite 10m HTSR3946137/10M	Violet	24	MTP	–	3	–	10	Plastic Bag	
Patch cable 12f OM4 Pol A MTP(f) - MTP(f) Elite 20m HTSR3946043/20M	Violet	12	MTP-MTP	–	3	–	20	Plastic Bag	
Patch cable 24f OM4 Pol C MTP(f) - MTP(f) Elite 15m HTSR3946153/15M	Violet	24	MTP-MTP	≤30	≤4	–	15	Plastic Bag	
Patch cable 12f OM4 PolA MTP(f) - MTP(f) 125m HTSR3946033/125	Violet	12	MTP-MTP	≤30	3	–	125	Plastic Bag	
Patch cable 24f OM4 PolB MTP(f) Elite - MTP(f) Elite 100m HTSR3946138/100M	Violet	24	MTP	–	3	–	100	Plastic Bag	
Patch cable 24f OM4 PolB MTP(f) Elite - MTP(f) Elite 50m HTSR3946138/50M	Violet	24	MTP	–	3	–	50	Plastic Bag	
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 10m HTSR3946053/10M	Violet	12	MTP-MTP	≤30	3	–	10	Plastic Bag	
Fanout kablage 8f OM4 MTP(f) Elite - LC Duplex 2m HTSR3946644/2000	Violet	8	MTP-LC	–	3	–	2	Plastic Bag	
Patch cable 24f OM4 Pol C MTP(f) - MTP(f) Elite 13m HTSR3946153/13M	Violet	24	MTP-MTP	≤30	≤4	–	13	Plastic Bag	
Patch cable 24f OM4 PolA MTP(f) Elite- MTP(f) Elite 40m HTSR3946137/40M	Violet	24	MTP-MTP	≤30	≤4	–	40	Plastic Bag	
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 15m HTSR3946053/15M	Violet	12	MTP-MTP	≤30	3	–	15	Plastic Bag	
Patch cable 12f OM4 PolA MTP(f) - MTP(f) 6m HTSR3946033/6000	Violet	12	MTP-MTP	≤30	3	–	6	Plastic Bag	
Patch cable 12f OM4 PolA MTP(f) - MTP(f) 80m HTSR3946033/80	Violet	12	MTP-MTP	≤30	3	–	80	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 15m HTSR3946044/15M	Violet	12	MTP-MTP	–	3	–	15	Plastic Bag	
Patch cable 24f OM4 Pol C MTP(f) - MTP(f) 5m HTSR3946153/5000	Violet	24	MTP-MTP	≤30	≤4	–	5	Plastic Bag	
Fanout kablage 8f OM4 MTP(f) Elite - LC Duplex 15m HTSR3946644/15M	Violet	8	MTP-LC	–	3	–	15	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 15m HTSR3946057/15M	Violet	12	MTP-MTP	≤30	3	–	15	Plastic Bag	

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Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 13m HTSR3946057/13M	Violet	12	MTP-MTP	≤30	3	–	13	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 3m HTSR3946057/3000	Violet	24	MTP	–	3.1	–	3	Plastic Bag	
Patch cable 24f OM4 Pol X MTP(f) - MTP(f) 30m HTSR3946133/30M	Violet	12	MTP-MTP	≤30	3	–	30	Plastic Bag	
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 24m HTSR3946053/24M	Violet	12	MTP-MTP	≤30	3	–	24	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 25m HTSR3946044/25M	Violet	12	MTP-MTP	–	3	–	25	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) 7m HTSR3946056/7000	Violet	12	MTP-MTP	≤30	3	–	7	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 5m HTSR3946057/5000	Violet	12	MTP-MTP	≤30	3	–	5	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) 8m HTSR3946056/8000	Violet	12	MTP-MTP	≤30	3	–	8	Plastic Bag	
Patch cable 12f OM4 Pol A MTP(f) - MTP(f) 130m HTSR3946033/130	Violet	12	MTP-MTP	≤30	3	–	130	Plastic Bag	
Patch cable 12f OM4 Pol A MTP(f) - MTP(f) Elite 10m HTSR3946043/10M	Violet	12	MTP-MTP	–	3	–	10	Plastic Bag	
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 8m HTSR3946053/8000	Violet	12	MTP-MTP	≤30	3	–	8	Plastic Bag	
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 5m HTSR3946053/5000	Violet	12	MTP-MTP	≤30	3	–	5	Plastic Bag	
Fanout kablage 8f OM4 MTP(f) Elite - LC Duplex 10m HTSR3946644/10M	Violet	8	MTP-LC	–	3	–	10	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) 12m HTSR3946056/12M	Violet	12	MTP-MTP	≤30	3	–	12	Plastic Bag	
Fanout kablage 8f OM4 MTP(f) Elite - LC Duplex 3m HTSR3946644/3000	Violet	8	MTP-LC	–	3	–	3	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) 9m HTSR3946056/9000	Violet	12	MTP-MTP	≤30	3	–	9	Plastic Bag	
Fanout kablage 8f OM4 MTP(f) Elite - LC Duplex 7m HTSR3946644/7000	Violet	8	MTP-LC	–	3	–	7	Plastic Bag	
Patch cable 12f OM4 Pol A MTP(f) - MTP(f) Elite 30m HTSR3946043/30M	Violet	12	MTP-MTP	≤30	3	–	30	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 7m HTSR3946057/7000	Violet	12	MTP-MTP	≤30	3	–	7	Plastic Bag	
Patch cable 24f OM4 Pol C MTP(f) - MTP(f) 75m HTSR3946153/7500	Violet	24	MTP-MTP	≤30	≤4	–	75	Plastic Bag	
Patch cable 24f OM4 Pol A MTP(f) Elite- MTP(f) Elite 20m HTSR3946137/20M	Violet	24	MTP	–	3.1	–	20	Plastic Bag	
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 10m HTSR3946057/10M	Violet	12	MTP-MTP	≤30	3	–	10	Plastic Bag	
Patch cable 12f OM4 Pol A MTP(f) - MTP(f) Elite 5m HTSR3946043/5000	Violet	12	MTP-MTP	–	3	–	5	Plastic Bag	
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 12.5m HTSR3946053/17.5M	Violet	12	MTP	≤30	3	–	12.5	Plastic Bag	

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Patch cable 24f OM4 PoIA MTP(f) Elite- MTP(f) Elite 5m HTSR3946137/5000	Violet	24	MTP	–	3.1	–	5	Plastic Bag
Patch cable 8f OM4 QSFP MTP(f) - LC 15m HTSR3946035/15M	Violet	8	MTP-LC	–	3	–	15	Plastic Bag
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) 10m HTSR3946056/10M	Violet	12	MTP-MTP	≤30	3	–	10	Plastic Bag
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 10m HTSR3946044/10M	Violet	12	MTP-MTP	–	3	–	10	Plastic Bag
Patch cable 24f OM4 PoIA MTP(f) Elite- MTP(f) Elite 15m HTSR3946137/15M	Violet	24	MTP	–	3.1	–	15	Plastic Bag
Fanout kablage 24f OM4 MTP(f) Elite - LC Duplex 1500mm HTSR3946144/1500	Violet	24	MTP-LC	–	3.1	–	1.5	Plastic Bag
Patch cable 24f OM4 PoIA MTP(f) Elite- MTP(f) Elite 35m HTSR3946137/35M	Violet	24	MTP	–	3.1	–	35	Plastic Bag
Patch cable 24f OM4 Pol C MTP(f) - MTP(f) Elite 2.5m HTSR3946153/2500M	Violet	12	MTPf	≤30	3	–	2.5	Plastic Bag
Patch cable 24f OM4 Pol C MTP(f) - MTP(f) Elite 17.5m HTSR3946153/17.5M	Violet	12	MTPf	≤30	3	–	17.5	Plastic Bag
Patch cable 12f OM4 Pol A MTP(f) - MTP(f) Elite 3m HTSR3946043/3000	Violet	12	MTP-MTP	–	3	–	3	Plastic Bag
Patch cable 24f OM4 PoIA MTP(f) - MTP(f) Elite 60m HTSR3946137/60M	Violet	24	MTP	–	3.1	–	60	Plastic Bag
Patch cable 12f OM4 PoIA MTP(f) - MTP(f) 20m HTSR3946033/20M	Violet	12	MTP-MTP	≤30	3	–	20	Plastic Bag
Patch cable 12f OM4 PoIA MTP(f) - MTP(f) 70m HTSR3946033/70	Violet	12	MTP-MTP	≤30	3	–	70	Plastic Bag
Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 20m HTSR3946053/20M	Violet	12	MTP-MTP	≤30	3	–	20	Plastic Bag
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 2m HTSR3946057/2000	Violet	12	MTP-MTP	≤30	3	–	2	Plastic Bag
Patch cable 8f OM4 QSFP MTP(f) Elite - LC 15m HTSR3946045/15M	Violet	8	MTP-LC	–	3	–	15	Plastic Bag
Patch cable 12f OM4 PolC MTP(f) - MTP(f) Elite 2.5m HTSR3946053/2500M	Violet	12	MTPf	≤30	3	–	2.5	Plastic Bag
Patch cable 12f OM4 Pol A MTP(f) - MTP(f) Elite 2m HTSR3946043/2000	Violet	12	MTP-MTP	–	3	–	2	Plastic Bag
Patch cable 12f OM4 Pol A MTP(f) - MTP(f) Elite 7m HTSR3946043/7000	Violet	12	MTP-MTP	–	3	–	7	Plastic Bag
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) 25m HTSR3946056/25M	Violet	12	MTP-MTP	≤30	3	–	25	Plastic Bag
Patch cable 12f OM4 PoIA MTP(m) - MTP(m) 2m HTSR3946030/2000	Violet	12	MTP-MTP	≤30	3	–	2	Plastic Bag
Patch cable 12f OM4 PoIA MTP(f) - MTP(f) 10m HTSR3946033/10M	Violet	12	MTP-MTP	≤30	3	–	10	Plastic Bag
Patch cable 12f OM4 Pol A MTP(f) - MTP(f) Elite 25m HTSR3946043/25M	Violet	12	MTP-MTP	–	3	–	25	Plastic Bag
Patch cable 12f OM4 Pol B MTP(f) - MTP(f) 5m HTSR3946056/5000	Violet	12	MTP-MTP	≤30	3	–	5	Plastic Bag

Article name	Color	No. of Fibers	Layout	Tensile Force	Installation [N]	Diameter Ø [mm]	Weight [kg/km]	Length [m]	Form of Delivery
<b>Fanout cable 24f OM4 MTP(f) - SC Duplex 1.5m</b> HTSR3946136/1500	Violet	24	MTP-SC	≤30	≤4	–	1.5	1.5	Plastic Bag
<b>Patch cable 12f OM4 Pol C MTP(f) - MTP(f) Elite 17.5m</b> HTSR3946053/12.5M	Violet	12	MTP-MTP	≤30	3	–	17.5	17.5	Plastic Bag
<b>Patch cable 12f OM4 PolA MTP(f) - MTP(f) 85m</b> HTSR3946033/85	Violet	12	MTP-MTP	≤30	3	–	85	85	Plastic Bag
<b>Patch cable 24f OM4 PolA MTP(f) Elite- MTP(f) Elite 50m</b> HTSR3946137/50M	Violet	24	MTP	–	3.1	–	50	50	Plastic Bag
<b>Patch cable 24f OM4 Pol C MTP(f) - MTP(f) Elite 10m</b> HTSR3946153/10M	Violet	24	MTP-MTP	≤30	≤4	–	10	10	Plastic Bag
<b>Patch cable 12f OM4 Pol A MTP(f) - MTP(f) Elite 15m</b> HTSR3946043/15M	Violet	12	MTP-MTP	–	3	–	15	15	Plastic Bag
<b>Fanout kablage 8f OM4 MTP(f) Elite - LC Duplex 1m</b> HTSR3946644/1000	Violet	8	MTP-LC	–	3	–	1	1	Plastic Bag
<b>Patch cable 12f OM4 Pol A MTP(f) - MTP(f) Elite 12m</b> HTSR3946043/12M	Violet	12	MTP-MTP	≤30	3	–	12	12	Plastic Bag
<b>Patch cable 24f OM4 PolA MTP(f) Elite- MTP(f) Elite 30m</b> HTSR3946137/30M	Violet	24	MTP	–	3.1	–	30	30	Plastic Bag
<b>Patch cable 24f OM4 PolA MTP(f) Elite- MTP(f) Elite 8m</b> HTSR3946137/8000	Violet	24	MTP-MTP	≤30	≤4	–	8	8	Plastic Bag
<b>Patch cable 12f OM4 PolA MTP(f) - MTP(f) 115m</b> HTSR3946033/115	Violet	12	MTP-MTP	≤30	3	–	115	115	Plastic Bag
<b>Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 2m</b> HTSR3946044/2000	Violet	12	MTP-MTP	–	3	–	2	2	Plastic Bag
<b>Patch cable 12f OM4 Pol B MTP(f) - MTP(f) Elite 3m</b> HTSR3946044/3000	Violet	12	MTP-MTP	–	3	–	3	3	Plastic Bag