



Multifiber Cable Assembly

Extra Slim, 24-48 fibers G657A2

Features

- Extremely slim and compact design
- Small cable diameter, 6.3mm (24f) and 8.3mm (48f)
- 24 & 48 fibers
- Bend resistant fiber G657A2
- High fiber packing density
- Quick and easy to install
- RoHS compliant

Application

This multifiber patch cable enables class-leading packaging density for optical interconnect applications.

The assembly is intended for indoor interconnection between transmission equipment and patch panels or similar fixed routes. The cable is delivered pre-terminated in both ends. Standard connector options are SC, LC - UPC and APC and the most common hybrid conversions between the different connector types.

Design

The assembly is based on Hexatronic's well-proven micro cable technology. The fibers in the cable break out to individual patch cords. One end is 1.5 m in order to reach all ports within one rack frame. The other end is 0.7 m to minimize slack and over length at the opposite side to be directly connected to a patch panel or active ports.

The slim and robust assembly requires no extra protection and takes minimum space for example in overhead cable cutes.

The assemblies are available in several fixed lengths and are easy to coil thanks to the bend resistant G657A2 fiber.

They are designed to withstand flame resistance in accordance with IEC 60332-3-24.

Technical Information

Product Color	Green
Temperature, Operation [°C]	-20 to +70
Insertion Loss, max [dB]	0.30
Return Loss, min [dB]	SC/UPC & LC/UPC: 50, SC/APC & LC/APC: 60
Conformance	IEC 60332-3-24
Technical Notes	Tolerances of assembly length (l=mm) $l \leq 10000$: +100 / - 50 mm $10000 < l \leq 30000$: +200 / - 100 mm
Ordering Information	The assembly is delivered in single package individually coiled and fixed in plastic bags.

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Article name	Color	No. of Fibers	Diameter Ø [mm]	Weight [kg/km]	Weight [kg]	Length [m]	Form of Delivery
Patch cable(C) 24F SC-SC SM 8M(1500 RPM2530769/8000	Green	24	8.3	—	0.245	8	Box
Patch cable(C)24F SC-SC SM 10M(1500 RPM2530769/10M	Green	24	8.3	—	0.67	10	Box
Patch cable(C)24F SC-SC SM 15M(1500 RPM2530769/15M	Green	24	8.3	—	0.895	15	Box
Patch cable(C)24F SC-SC SM 20M(1500 RPM2530769/20M	Green	24	8.3	—	1.12	20	Box
Patch cable(C)24F SC-SC SM 30M(1500 RPM2530769/30M	Green	24	8.3	—	0.575	30	Box
Patch cable 24F SM LC-LC RPM2533051/25M	Green	24	8.3	—	0.92	25	Box
Patch cable 24F SM LC-LC RPM2533051/50M	Green	24	8.3	—	1.62	50	Box
Patch cable 24F SM LC-LC RPM2533051/65M	Green	24	8.3	—	2.04	65	Box
Patch cable 24F SM LC-LC RPM2533051/80M	Green	24	8.3	—	2.46	80	Box
Patch cable 24F SM LC-LC RPM2533051/95M	Green	24	8.3	—	2.88	95	Box
Patch cable 24F SM LC-LC RPM2533051/130M	Green	24	8.3	—	3.86	130	Box
Patch cable 24F SM LC-LC RPM2533051/170M	Green	24	8.3	—	6	170	Box
Patch cable 24F SM LC-LC RPM2533051/200M	Green	24	8.3	—	5.82	200	Box
Patch cable 24F SM LC-LC RPM2533051/250M	Green	24	8.3	—	7.22	250	Box
Patch cable 24F SM LC-LC RPM2533051/300M	Green	24	8.3	—	8.62	300	Box
Patch cable (C) 24F LC-LC SM (1500 RPM2533069/10M	Green	24	8.3	—	0.67	10	Box
Patch cable (C) 24F LC-LC SM (1500 RPM2533069/15M	Green	24	8.3	—	0.895	15	Box
Patch cable (C) 24F LC-LC SM (1500 RPM2533069/20M	Green	24	8.3	—	1.12	20	Box
Patch cable (C) 24F LC-LC SM (1500 RPM2533069/30M	Green	24	8.3	—	1.57	30	Box
Patch cable (C) 24F LC-SC SM 10M RPM2533170/10M	Green	24	8.3	—	0.275	10	Box
Patch cable (C) 24F LC-SC SM 8M, IN RPM2533184/8000	Green	24	8.3	—	0.245	8	Box
Patch cable (C) 24F LC-SC SM 10M, I RPM2533184/10M	Green	24	8.3	—	0.3	10	Box
Patch cable (C) 24F LC-SC SM 15M, I RPM2533184/15M	Green	24	8.3	0.35	0.35	15	Box

Article name	Color	No. of Fibers	Diameter Ø [mm]	Weight [kg/km]	Weight [kg]	Length [m]	Form of Delivery
Patch cable (C) 24F SC/APC-SC SM 10 RPM2533768/100M	Green	24	8.3	—	1.625	100	Box
Patch cable (C) 24F SC/APC-LC SM 10 RPM2533968/10M	Green	24	8.3	—	0.275	10	Box
Patch cable (C) 24F SC/APC-LC SM 35 RPM2533968/35M	Green	24	8.3	—	0.65	35	Box
Patch cable (C) 24F SC/APC-LC SM 10 RPM2533968/100M	Green	24	8.3	—	1.625	100	Box