



# Multifiber Cable Assembly

**Extra Slim, 24-48 fibers G657A2**

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## 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

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

## Articles 27

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