

SYSTIMAX®

SOLUTIONS

SYSTIMAX® 110PS Patch Cords

SYSTIMAX® SCS Component

The SYSTIMAX 110 PowerSUM Patch Cords using stranded cordage and 110 Patch Cord Plugs are available in factory-connectorized 1, 2 and 4-pair sizes. These cords are gray in color while a select number of 4-pair cords are also manufactured in blue, orange, green, lilac, ivory, red and sable (please contact your SYSTIMAX SCS representative for ordering information). Other lengths are available upon request.

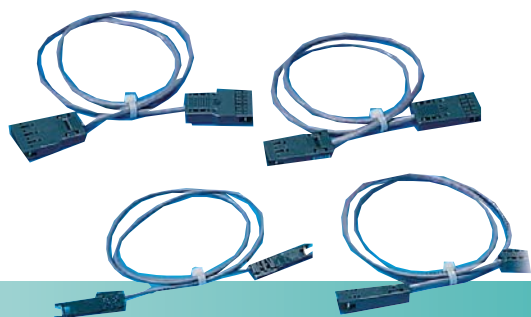
The factory-connectorized PowerSUM 110 Patch Cord incorporates SYSTIMAX SCS patented “cross-over lead” design, which employs crosstalk cancellation techniques to provide superior Near-End Crosstalk (NEXT) performance.

The SYSTIMAX SCS patented tight pair twist algorithm are also used in manufacturing the LSZH cordage, along with the carefully controlled termination of the specially designed 110 plug, together produce a 110PxCAT5L Patch Cord with excellent PSNEXT performance. The 110PxCAT5L Patch Cords meet the following IEC requirements:

- IEC 754 part 2, Zero Halogen based on pH and Conductivity Measurements.
- IEC 1034 part 2, Smoke Emission

- IEC 332 part 1, Flammability and Fire Retardant
- NES 713, Toxicity Index

These 110 Patch Cords meet or exceed attenuation and NEXT Category 5 and Category 5e specifications for Patch Cords as specified in ISO/IEC 11801 (2002), EN50173-1 (2002), and EIA/TIA 568B. Further, these Patch Cords are UL verified as Category 5e, and UL listed type CM.



Physical Specifications

Operating Temperature Range:	-10 to 600C
Contact Plating:	1.27 μ m Gold over 1.905 μ m Nickel
Contact Stability:	5 ohms max. change
Plug Retention Force (Depending on Pair Size):	27 to 110 N
Insertion Life:	> 200 insertions

Ordering Information

Product	Material ID	Pair Size	Length	Packaging
110PS Stranded Patch Cords				
110P2CAT5F-2B	107 733 206	1	0.6 m (2 ft)	10/Pkg
110P2CAT5F-3B	107 733 214	1	0.9 m (3 ft)	10/Pkg
110P2CAT5F-5B	107 733 230	1	1.5 m (5 ft)	10/Pkg
110P2CAT5F-7B	107 733 255	1	2.1 m (7 ft)	10/Pkg
110P2CAT5F-8B	107 733 263	1	2.4 m (8 ft)	10/Pkg
110P2CAT5F-12B	107 733 289	1	3.7 m (12 ft)	10/Pkg
110P2CAT5F-15B	107 733 297	1	4.6 m (15 ft)	10/Pkg
110P4CAT5F-2B	107 733 313	2	0.6 m (2 ft)	10/Pkg
110P4CAT5F-3B	107 733 321	2	0.9 m (3 ft)	10/Pkg
110P4CAT5F-5B	107 733 347	2	1.5 m (5 ft)	10/Pkg
110P4CAT5F-7B	107 733 362	2	2.1 m (7 ft)	10/Pkg
110P4CAT5F-8B	107 733 370	2	2.4 m (8 ft)	10/Pkg
110P4CAT5F-12B	107 733 396	2	3.7 m (12 ft)	10/Pkg
110P4CAT5F-15B	107 733 404	2	4.6 m (15 ft)	10/Pkg
110P8CAT5F-3B	107 733 545	4	0.9 m (3 ft)	10/Pkg
110P8CAT5F-5B	107 733 560	4	1.5 m (5 ft)	10/Pkg
110P8CAT5F-7B	107 733 586	4	2.1 m (7 ft)	10/Pkg
110P8CAT5F-12B	107 733 610	4	3.7 m (12 ft)	10/Pkg
110P8CAT5F-15B	107 733 628	4	4.6 m (15 ft)	10/Pkg

Ordering Information (cont)

Product	Material ID	Pair Size	Length	Packaging
110PS LSZH Stranded Patch Cords				
110P2CAT5L-3B	107 855 843	1	0.9 m (2 ft)	10/Pkg
110P2CAT5L-5B	107 855 868	1	1.5 m (2 ft)	10/Pkg
110P2CAT5L-7B	107 855 892	1	2.1 m (2 ft)	10/Pkg
110P4CAT5L-3B	107 856 007	2	0.9 m (2 ft)	10/Pkg
110P4CAT5L-5B	107 856 023	2	1.5 m (2 ft)	10/Pkg
110P4CAT5L-7B	107 856 049	2	2.1 m (2 ft)	10/Pkg
110P8CAT5L-3B	107 856 288	4	0.9 m (2 ft)	10/Pkg
110P8CAT5L-5B	107 856 346	4	1.5 m (2 ft)	10/Pkg
110P8CAT5L-7B	107 856 387	4	2.1 m (2 ft)	10/Pkg

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