

## Outdoor Rated Category Patch cords: Updated

CommScope is announcing a new family of outdoor rated patchcords designed for rugged deployments. Ethernet-based data devices are moving beyond the building and growing in applications such as Power over Ethernet delivery to security cameras, wireless access points, and security access. The new patchcords are recommended for outdoor applications above ground. They are sunlight UV proof and water resistant but not waterproof. For this reason, they are recommended to be used above ground in aerial applications, in breezeways, parking garages, and along sides of building.

The cordage used in the patch cord is CM-LS rated which allows the cordage to be routed into and through the building in locations suitable for CM rated cables. The cordage is also outdoor-rated and sunlight-resistant per UL 444 weatherometer, cold impact, and 720 hour xenon-arc exposure. The completed assembly has a temperature rating of -40°C to +60°C. Available in both unshielded and shielded versions, they can be ordered in a variety of pre-connectorized lengths with CommScope's premier RJ45 connectors to suit the installation. The cable assembly uses a high-performance modular plug, which is not sunlight or water resistant and therefore must be protected by the device being attached.

Available cordage types are:

- CAT6 Unshielded (UTP)
- CAT6 Shielded (FTP)
- CAT6A Unshielded (UTP)
- CAT6A Shielded (FTP)



The new patchcords are perfect for use with CommScope's Powered Fiber Cable System and PoE Extender (<http://www.commscope.com/powerfiber>). Additionally, if used in a copper-only installation where the cable must be placed underground, in conduit or buried, the outdoor patch cord is ideal to be used in conjunction with one of the superior CommScope gel-filled OSP 4-pair cables as listed below.

- [1571A](#) Category 6 U/UTP Cable, outdoor, black jacket, 4 pair count, 1000 ft
- [1572A](#) Category 6 F/UTP Cable, outdoor, black jacket, aluminum tape shield, inner jacket, 4 pair count, 1000 ft (305 m) length, reel
- [1592A](#) 1592A Category 6A F/UTP Cable, outdoor, black jacket, aluminum tape shield, inner jacket, 4 pair count, 1000 ft (305 m) length, reel

CommScope recommends the use of a split gland for pre-assembled cables, such as from HEYCO, to be used in conjunction with the CommScope POE Extender or with a properly rated NEMA/IP enclosure to transition between the patch cord and one of the above gel-filled cables. HEYCO part numbers compatible with the CommScope Outdoor Patch Cords are:

- M3198GBH M20 Split Gland for cables upto 8.5mm diameter
- M4344GBH M25 Split Gland for cables upto 8.5mm diameter

### Ordering Information:

Please visit eCatalog at the link provided or search on the e-catalog number.

<http://www.commscope.com/SiteSearch/?q=pcosp>

MID	Catalog Number	Description
<b>CO15542-01F</b> __ __ __	PCOSP-6U-BK	CAT6, U/UTP, Outdoor Rated Patch Cord
<b>CO11152-01F</b> __ __ __	PCOSP-6S-BK	CAT6, F/UTP, Outdoor Rated Patch Cord
<b>CO15582-01F</b> __ __ __	PCOSP-6AU-BK	CAT6A, U/UTP, Outdoor Rated Patch Cord
<b>CO11192-01F</b> __ __ __	PCOSP-6AS-BK	CAT6A, F/UTP, Outdoor Rated Patch Cord

Note: The outdoor cable assemblies are available in 5 foot increments from 5 to 300 ft.