

# Special Applications LAN-Trak OSP



## Outside Plant Cable

LAN-Trak OSP delivers TIA/EIA-568-B Category 5, 5e, 5E or 6 electrical performance in an outside plant cable, because even small amounts of moisture or water in the cable will degrade the electrical performance of a Category cable. These cables are designed for exposure to the elements. Jacketed with black UV resistant polyethylene, they employ a craft-friendly semi-dry flooding material that cleans easily from the cable core.

Traditional petroleum based gels such as “icky-pick” result in hard to clean and time consuming cable prep time. This thixotropic gel has a dry, soft texture that is dermally safe and cleans easily with citrus based cleaners. The result is faster cable prep time, quicker clean-ups and happier technicians.

These cables allow you to extend your current network to outdoor satellite structures such as temporary classrooms or trailers in a campus environment. They are also well suited for runs under concrete slabs and in other wet locations.

These cables are offered in both unshielded (UTP) and the more robust shielded (F/uTP) cables. Also, the NEC may require a Category 5, 5e, or 6 rated protection device.

As with all horizontal cables, run length is limited to 90 meters (295 feet) per TIA/EIA-568-B for Category 5, 5e, or 6 operation.

Mohawk Part No.	Cable Type	Jacket Diameter		Weight		Min. Bend Radius	
		Inch	mm	lbs/M'	kg/km	Inch	mm

### LAN-Trak OSP Category 6

M57622***	4 PAIR 24 AWG Duct/Aerial Lashed	.271	6.88	36	54	2.75	70
M57623***	4 PAIR 24 AWG Suitable for Burial (Shielded)	.460	11.68	102	152	6.90	175

### LAN-Trak OSP Category 5E

M57561*	4 PAIR 24 AWG Duct/Aerial Lashed	.251	6.38	31	46	2.50	61
M57562*	4 PAIR 24 AWG Suitable for Burial (Shielded)	.380	9.65	88	131	5.70	145

### LAN-Trak OSP Category 5e

M58790	4 PAIR 24 AWG Duct/Aerial Lashed	.246	6.25	30	45	2.50	61
M58527**	25 PAIR 24 AWG Suitable for Burial (Shielded)	.730	18.54	300	446	11.00	280

### LAN-Trak OSP Category 5

M56871*	4 PAIR 24 AWG Outdoor Duct	.196	4.98	22	33	2.00	51
M57041*	4 PAIR 24 AWG Duct/Aerial Lashed	.246	6.25	30	45	2.50	61
M57042*	4 PAIR 24 AWG Suitable for Burial (Shielded)	.380	9.65	87	129	5.70	145
M57656**	25 PAIR 24 AWG Suitable for Burial (Shielded)	.730	18.54	300	446	11.00	280

\*US Patent No. 5,424,491. \*\*US Patent Nos. 5,424,491; 5,821,466. \*\*\*US Patent Nos. 5,424,491; 6,074,503; 6,496,944. Standard put-up 1000 ft.  
For 4 pair colors see chart A; for 25 pair colors see chart D on page 64.

