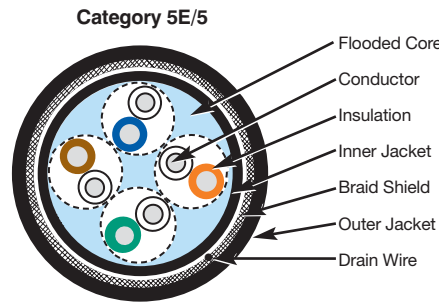
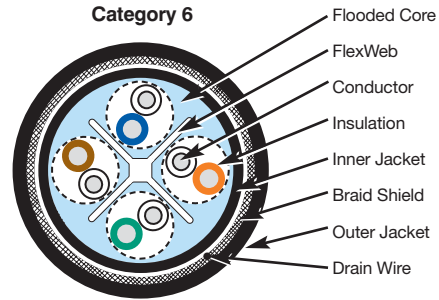


# Special Applications Cellular Tower Cables

Mohawk's Cellular Tower Cable is an overall foil/braid shielded twisted pair cable intended for outdoor use. The compact rugged design is more flexible versus traditional armored cable typically used for this application. The foil/braid shield is an excellent choice where interference from external radio frequency or electromagnetic sources is a concern.

These cables can be used not only to connect cellular phone sites, but other services including pagers, mobile radio, wireless data, personal communications service (PCS), and even newer services such as high speed broadband wireless internet access and weather collection equipment.

- **EMI & RFI Protection** – 60% Coverage Braid and 100% Coverage Metallic Foil Tape offer excellent EMI and RFI immunity in a tower environment, where there may be interference from other services located on the same tower now or in the future.
- **Easy Termination** – Grounding is made simple because the braid can be crimped to a ground wire or clamped to the enclosure.
- **Gel filled and fully water-blocked** – Prevents migration of water through the cable into sensitive electronics enclosures. Gel filling prevents corrosion of the conductors in the presence of water.
- **UV stabilized polyethylene outer jacket**
- **Meets applicable TIA/EIA Category grades**



- Category 5, 5E, and 6 conductors should be terminated with 110 style Category rated jacks, and the link completed with a short Category rated patch cable
- Standard RJ-45 plugs may not fit the Category 5E & 6 insulated conductors. Please consult the factory for the proper plug to fit these cables.



## Category 6

Mohawk Part No.	Cable Type	Jacket Diameter		Weight		Min. Bend Radius	
		inch	mm	lbs/M'	kg/km	inch	mm
M58577	4 PAIR 24 AWG	.305	7.75	55	82	3.0	76

## Category 5E

Mohawk Part No.	Cable Type	Jacket Diameter		Weight		Min. Bend Radius	
		inch	mm	lbs/M'	kg/km	inch	mm
M58463	4 PAIR 24 AWG	.276	7.01	45	67	2.8	71

## Category 5

Mohawk Part No.	Cable Type	Jacket Diameter		Weight		Min. Bend Radius	
		inch	mm	lbs/M'	kg/km	inch	mm
M58116	4 PAIR 24 AWG	.250	6.35	38	57	2.5	64