

# High Pair Count



## Power Sum Backbone Cables\*\*

25 and 50 pair Category 5 and 5e cables and/or their manufacture are covered by US Patent Nos. 5,821,466 and 5,424,491.

**OPERATING TEMP:** -20°C to +60°C (-4°F to +140°F)  
**STORAGE TEMP:** -20°C to +75°C (-4°F to +167°F)  
**INSTALLATION TEMP:\*\*** 0°C to +60°C (+32°F to +140°F)

\* THE INSTALLATION TEMPERATURE REFERS TO THE TEMPERATURE OF THE CABLE WHILE BEING INSTALLED OR PULLED. DO NOT INSTALL BELOW 0°C (+32°F).

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

### Category 5e: Non-Plenum

M58141†	25 PAIR 24 AWG UTP	None	Lt. Gray PVC .470	11.94	119	177	4.7	119	C(UL)US CMR
M58522	50 PAIR 24 AWG UTP	None	Lt. Gray PVC .750	19.05	252	375	7.5	191	C(UL)US CMR
M58520	25 PAIR 24 AWG ScTP	O/A ALUM/PLY W/DW	Lt. Gray PVC .522	13.26	149	222	5.25	133	C(UL)US CMR

### Category 5e: Plenum

M58142†	25 PAIR 24 AWG UTP	None	Gray FEP .430	10.92	137	204	4.3	109	C(UL)US CMP
M58521	25 PAIR 24 AWG ScTP	O/A ALUM/PLY W/DW	Gray ThermoPlen®* .472	11.99	157	234	4.75	120	C(UL)US CMP

### Category 5: Non-Plenum

M56753†	25 PAIR 24 AWG UTP	None	Lt. Gray PVC .470	11.94	119	177	4.7	119	C(UL)US CMR
M57040†	50 PAIR 24 AWG UTP	None	Lt. Gray PVC .750	19.05	252	375	7.5	191	C(UL)US CMR
M56832†	25 PAIR 24 AWG ScTP	O/A ALUM/PLY W/DW	Lt. Gray PVC .522	13.26	149	222	5.25	133	C(UL)US CMR

### Category 5: Plenum

M56773†	25 PAIR 24 AWG UTP	None	Gray FEP .430	10.92	137	204	4.3	109	C(UL)US CMP
M56700	25 PAIR 24 AWG ScTP	O/A ALUM/PLY W/DW	Gray ThermoPlen®* .472	11.99	157	234	4.75	120	C(UL)US CMP

\*Plenum rated Thermoplastic. †Verified by Independent Test Laboratories. For pair and binder colors see chart B on page 59.

### Category 5/5e Power Sum 25 Pair Packaging Options

Type	Reel/Put-up	Gross Weight (lbs.)	Type	Reel/Put-up	Gross Weight (lbs.)	Type	Reel/Put-up	Gross Weight (lbs.)
Plenum	22" Reel 1000 Ft.	131	Plenum	36" Reel 5000 Ft.	655	Non-Plenum	36" Reel 2000 Ft.	245
Plenum	30" Reel 2000 Ft.	262	Non-Plenum	24" Reel 1000 Ft.	119	Non-Plenum	48" Reel 5000 Ft.	640

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

### Category 3: Non-Plenum

M55700	25 PAIR 24 AWG UTP	None	Lt. Gray PVC .364 9.25		100	149	3.6	91	C(UL)US CMR
M55216	50 PAIR 24 AWG UTP	None	Lt. Gray PVC .591 15.01		197	293	5.9	150	C(UL)US CMR
M55211	100 PAIR 24 AWG UTP	None	Lt. Gray PVC .707 17.96		381	567	7.1	180	C(UL)US CMR
M55212	200 PAIR 24 AWG UTP	None	Lt. Gray PVC 1.054 26.77		814	1211	10.5	267	C(UL)US CMR
M57098	300 PAIR 24 AWG UTP	None	Lt. Gray PVC 1.222 31.04		1186	1765	12.25	311	C(UL)US CMR
M57996	400 PAIR 24 AWG UTP	None	Lt. Gray PVC 1.590 40.38		1750	2604	16.0	406	C(UL)US CMR
M55704	25 PAIR 24 AWG ScTP	O/A ALUM/PLY W/DW	Lt. Gray PVC .394 10.01		111	165	4.0	102	C(UL)US CMR

### Category 3: Plenum

M56801	25 PAIR 24 AWG UTP	None	Gray ThermoPlen®* .389 9.88		123	183	3.9	99	C(UL)US CMP
M56126	50 PAIR 24 AWG UTP	None	Gray ThermoPlen®* .550 13.97		224	333	5.5	140	C(UL)US CMP
M56128	100 PAIR 24 AWG UTP	None	Gray ThermoPlen®* .786 19.96		467	695	7.9	201	C(UL)US CMP
M56129	200 PAIR 24 AWG UTP	None	Gray ThermoPlen®* 1.088 27.64		942	1402	10.9	277	C(UL)US CMP
M57211	300 PAIR 24 AWG UTP	None	Gray ThermoPlen®* 1.334 33.88		1397	2079	13.3	338	C(UL)US CMP
M58349	400 PAIR 24 AWG UTP	None	Gray ThermoPlen®* 1.527 38.79		1760	2619	15.3	389	C(UL)US CMP
M55073	25 PAIR 24 AWG ScTP	O/A ALUM/PLY W/DW	Gray ThermoPlen®* .346 8.79		115	171	3.5	88	C(UL)US CMP

\*Plenum rated Thermoplastic. For pair and binder colors see chart B on page 59.

### Category 3 High Pair Count Packaging Options

Pair Count	Reel/Put-up	Gross Weight (lbs.)	Pair Count	Reel/Put-up	Gross Weight (lbs.)	Pair Count	Reel/Put-up	Gross Weight (lbs.)
25	20" Reel 1000 Ft.	123	100	30" Reel 1000 Ft.	467	200	72" Reel 5000 Ft.	4300
25	24" Reel 2000 Ft.	246	100	36" Reel 2000 Ft.	950	300	48" Reel 1000 Ft.	1897
25	36" Reel 5000 Ft.	620	100	42" Reel 2500 Ft.	1167	300	54" Reel 2000 Ft.	2800
25	36" Reel 6500 Ft.	805	100	48" Reel 4000 Ft.	1910	300	60" Reel 3000 Ft.	4200
50	22" Reel 1000 Ft.	224	100	54" Reel 5000 Ft.	2400	300	72" Reel 4000 Ft.	5600
50	30" Reel 2000 Ft.	455	200	42" Reel 1000 Ft.	814	400	54" Reel 1000 Ft.	1900
50	48" Reel 5000 Ft.	1160	200	54" Reel 2000 Ft.	1680	400	72" Reel 2000 Ft.	3900

