

## M27500 Cable (NEMA WC27500)

### Shield Style and Material

Single Shield Style	Double Shield Style	Shield Material	Maximum Temperature Limit for Shield Material
U		No Shield	-
T	V	Tin-coated copper, round	150°C
S	W	Silver-coated copper, round	200°C
N	Y	Nickel-coated copper, round	260°C
F	Z	Stainless Steel, Round	400°C
C	R	Nickel-coated copper 27% round	400°C
M	K	Silver-coated high strength copper alloy, round	200°C
P	L	Nickel-coated high strength copper alloy, round	260°C
G	A	Silver-coated copper, flat	200°C
H	B	Silver-coated high strength copper alloy, flat	200°C
*	#	Nickel-coated copper, flat	260°C
J	D	Tin-coated copper, flat	150°C
E	X	Nickel-coated high strength copper alloy, flat	260°C
I	Q	Nickel-Chromium alloy flat	400°C

### Jacket Style and Material

Single Jacket Style	Double Jacket Style	Jacket Material	Temperature Limit for Jacket Material
00	00	No jacket	-
01	51	Extruded white polyvinyl chloride (PVC)	90°C
02	52	Extruded clear polyamide	105°C
03	53	White polyamide braid impregnated with clear polyamide finisher over a polyester tape	105°C
04	54	Polyester braid impregnated with high temperature finisher over polyester tape	150°C
05	55	Extruded clear fluorinated ethylene propylene (FEP)	200°C
06	56	Extruded or taped and heat sealed white polytetrafluoroethylene (PTFE)	260°C
07	57	White polytetrafluoroethylene (PTFE) treated glass braid impregnated and coated with polytetrafluoroethylene finisher over pre-inserted polytetrafluoroethylene tape	260°C
08	58	Cross-linked white extruded polyvinylidene fluoride (PVDF)	150°C
09	59	Extruded white fluorinated ethylene propylene (FEP)	200°C
10	60	Extruded clear polyvinylidene fluoride (PVDF)	125°C
11	61	Tape or natural polyimide combined with clear fluorinated ethylene propylene (FEP) wrapped and heat sealed with polyimide outer surface	200°C
12	62	Tape or natural polyimide combined with fluorinated ethylene propylene (FEP) wrapped and heat sealed with polyimide outer surface	200°C
14	64	Extruded white ethylene-tetrafluoroethylene co-polymer (ETFE)	150°C
15	65	Extruded clear ethylene-tetrafluoroethylene co-polymer (ETFE)	150°C
16	66	Braid of aromatic polyamide with high temperature finisher over pre-inserted polytetrafluoroethylene (PTFE) tape	200°C
17	67	White extruded ethylene chlorotrifluoro-ethylene (ECTFE)	150°C
18	68	Clear extruded ethylene chlorotrifluoro-ethylene (ECTFE)	150°C
20	70	Extruded white perfluoroalkoxy (PFA)	260°C
21	71	Extruded clear perfluoroalkoxy (PFA)	260°C
22	72	Taped of polyimide combined with clear fluorinated ethylene propylene (FEP) wrapped and heat sealed with opaque polyimide outer surface	200°C
23	73	White cross-linked, extruded, modified, ethylene tetrafluoroethylene copolymer (XLETFE)	200°C
24	74	Taped layer of white polytetrafluoroethylene (PTFE) wrapped over a tape layer of natural polyimide combined with fluoropolymer heated and fused	200°C
25	75	Smooth surface tape layer of white polytetrafluoroethylene (PTFE) wrapped over a tape layer of natural polyimide combined with fluoropolymer heated and fused	260°C
26	76	Extruded, white, low fluoride, cross-linked modified, ethylene-tetrafluoroethylene co-polymer (XLETFE)	200°C