

BETTER-THAN-QPL AS27500 Type Cable



968-010 • GS27500 Cable with Drain Wire



NOTES

1. Consult factory for cable diameters exceeding 0.375 inches. Number of conductors is dependent on maximum cable diameter.
2. Color coding per ANSI/NEMA WC 27500.

HOW TO ORDER									
Sample Part Number	968-010	-	22	TE	4	T	14	-20	TCC
Basic Part Number	968-010								
Shield Covering	- = 85% coverage, white wire with colored stripes A = 85% coverage, solid colored wire C = 90% coverage, white wire with colored stripes D = 90% coverage, solid colored wire								
Conductor Size	AWG 8 through 30, See Table I								
Wire Description Code	See Table I								
Number Of Conductors	1,2,3,4,5								
Shield Type	Single- or Double-Shield Code, see Table II								
Jacket Type	Single- or Double-Jacket Code, see Table III								
Drain Wire Size	See Table V								
Drain Wire Type	See Table V								

CONSTRUCTION EXAMPLE

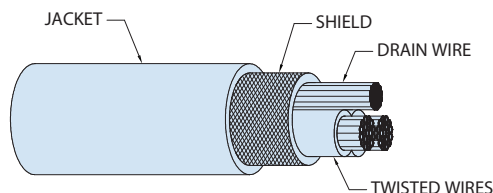


TABLE I: WIRE CODE, WIRE TYPE, CONDUCTOR SIZE, NUMBER OF CONDUCTORS				
Code	Wire Type	AWG	# Of Conductors	Max Temperature (Information Only)
TE	GS22759-16	8 to 24	1,2,3,4,5	150°C (302°F)
TF	GS22759-17	20 to 26	1,2,3,4,5	150°C (302°F)
TG	GS22759-18	10 to 26	1,2,3,4,5	150°C (302°F)
TH	GS22759-19	20 to 26	1,2,3,4,5	150°C (302°F)
SB	GS22759-32	12 to 30	1,2,3,4,5	150°C (302°F)
SC	GS22759-33	20 to 30	1,2,3,4,5	200°C (392°F)
SD	GS22759-34	8 to 24	1,2,3,4,5	150°C (302°F)
SE	GS22759-35	20 to 26	1,2,3,4,5	200°C (392°F)
SM	GS22759-41	8 to 26	1,2,3,4,5	200°C (392°F)
SN	GS22759-42	20 to 26	1,2,3,4,5	200°C (392°F)
SP	GS22759-43	8 to 26	1,2,3,4,5	200°C (392°F)
SR	GS22759-44	12 to 28	1,2,3,4,5	200°C (392°F)
SS	GS22759-45	12 to 28	1,2,3,4,5	200°C (392°F)
ST	GS22759-46	20 to 28	1,2,3,4,5	200°C (392°F)
UA	GS22759-51	20 to 30	1,2,3,4,5	200°C (392°F)
UB	GS22759-52	12 to 30	1,2,3,4,5	200°C (392°F)

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TABLE II - SHIELD TYPE

Single Shield Code	Double Shield Code	Shield Description	Max Temperature (Information Only)
T	V	Tinned Coated Copper, Round	150°C (302°F)
S	W	Silver Coated Copper, Round	200°C (392°F)
N	Y	Nickel Coated Copper, Round	260°C (500°F)
AM	AS	Amberstrand, Round	TBD
AR	AL	Aarmorlite, Round	TBD
AC	AF	Aarmorlite CF, Round	TBD
U	U	Unshielded	-

TABLE III - JACKET TYPE

Single Jacket Code	Double Jacket Code	Jacket Material Description	Max Temperature (Information Only)
00	00	No Jacket	-
05	55	Extruded FEP, Clear	200°C (392°F)
09	59	Extruded FEP, White	200°C (392°F)
10	60	Extruded PVDF, Clear	125°C (257°F)
14	64	Extruded ETFE, White	150°C (302°F)
15	65	Extruded ETFE, Clear	150°C (302°F)
20	70	Extruded PFA, White	260°C (500°F)
21	71	Extruded PFA, Clear	260°C (500°F)
23	73	Extruded XLETFE, White	200°C (392°F)

TABLE V - DRAIN WIRE TYPE

Code	AWG	Description	Max Temperature (Information Only)
TCC	04 to 30	Tinned Coated Copper	150°C (302°F)
SCC	04 to 30	Silver Coated Copper	200°C (392°F)
NCC	04 to 30	Nickel Coated Copper	260°C (500°F)

TABLE VI - COLOR SEQUENCE BASED ON NUMBER OF WIRES

Wire #	1	2	3	4	5	6	7	8	9	10
Color	White	Blue	Orange	Green	Red	Black	Yellow	Violet	Gray	Brown