



**DESCRIPTION:** FORTY CONDUCTOR COMPOSITE CABLE (8C #18 32C #20)

**COMPONENT I 8 PLACES**  
**CONDUCTOR:** #18 16/30 TINNED COPPER (.046" OD)  
**INSULATION:** .011" POLYETHYLENE (.068" OD)

**COMPONENT II 32 PLACES**  
**CONDUCTOR:** #20 10/30 TINNED COPPER (.036" OD)  
**INSULATION:** .011" POLYETHYLENE (.058" OD)

**CONSTRUCTION:** CORE: 1 COMPONENT I (#40)  
 LAYER 1: ONE COMPONENT I (#39) AND SIX COMPONENT II (#33-38) CABLED AROUND CORE  
 LAYER 2: THREE COMPONENT I (#20, 29-30) AND TEN COMPONENT II (#21-28, 31-32) CABLED AROUND LAYER 1  
 LAYER 3: THREE COMPONENT I (#9-10, ,19) AND SIXTEEN COMPONENT II (#1-8, 11-18) CABLED AROUND LAYER 2

**SHIELD:** ALUMINUM/POLYESTER TAPE SHIELD, 25% OVERLAP, 100% COVERAGE

**DRAIN WIRE:** #22 7/30 TINNED COPPER

**JACKET:** .042" BLACK FR POLYURETHANE  
 OD: .525" (MAX .600")

**PRINT LEGEND**  
 IN WHITE INK: NYCT CABLE FAST™ 8C18 AWG AND 32C20 AWG E83208 RU AWM STYLE 20233 80C 300V VW-1...ROHS

**COND DC RES**  
 18 AWG 6.8 OHMS/1000 FT NOM @ 20C  
 20 AWG 10 OHMS/1000 FT NOM @ 20C

COMP#	COMP	COLORS
1	II	BLACK
2	II	BROWN
3	II	RED
4	II	ORANGE
5	II	YELLOW
6	II	GREEN
7	II	BLUE
8	II	VIOLET
9	I	BLACK
10	I	BROWN
11	II	GRAY
12	II	WHITE
13	II	WHT/BLK
14	II	WHT/BRN
15	II	WHT/RED
16	II	WHT/ORG
17	II	WHT/YEL
18	II	WHT/GRN
19	I	RED
20	I	ORANGE
21	II	WHT/BLU
22	II	WHT/VIO
23	II	WHT/GRY
24	II	WHT/BLK/BRN
25	II	WHT/BLK/RED
26	II	WHT/BLK/ORG
27	II	WHT/BLK/YEL
28	II	WHT/BLK/GRN
29	I	YELLOW
30	I	GREEN
31	II	WHT/BLK/BLU
32	II	WHT/BLK/VIO
33	II	WHT/BLK/GRY
34	II	WHT/BRN/RED
35	II	WHT/BRN/ORG
36	II	WHT/BRN/YEL
37	II	WHT/BRN/GRN
38	II	WHT/BRN/BLU
39	I	BLUE
40	I	VIOLET



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<b>PART NO:</b>	TBD		
<b>REVISION:</b>	A		PWNW

ROHS COMPLIANT