

PURCHASE SPECIFICATION

CHANGE DETAIL: Added E954-18

ENGINEERING CONTROLLED MANUFACTURER: Yes

MULTIPLE CONDUCTOR FLEXIBLE CORDS

In addition to the requirements listed below these cords shall comply in all respects with the requirements for Type SOOW cords as outlined by Underwriters' Laboratories, Inc. (UL-62) Voltage rating of cable to be 600 volts.

Spec No.	Conductor Size A.W.G.	Conductor Stranding	No. of Conduct.	Color Code of Conductors	O.D. NOM. Ave.	Thickness of Jacket Min. Ave. (UL)
E954-1	Obsolete - Use Replacement E954-6					
E954-2 ▼	#16	26 x 30 +	3	Black, White, Green	.390	.060
E954-3	#16	26 x 30 +	4	Black, White, Green, Red	.420	.060
E954-5 ▼	#16	26 x 30 +	8	Black, White, Green, Red, Blue, Orange, White with Black Tracer, Red with Black Tracer	.575	.080
E954-6	#16	26 x 30 +	6	Black, White, Red, Green, Orange, Blue	.520	.080
E954-7	#16	26 x 30 +	9	Black, White, Red, Green, Orange, Blue, White/Black Tracer, Red/Black Tracer, Green/Black Tracer	.600	.095
E954-8	Obsolete - No Replacement Available					
E954-9	Obsolete - No Replacement Available					
E954-10	Obsolete - Use Replacement E954-17					
E954-11	#10	104 x 30	4	Black, White, Green, Red	.715	.095
E954-12 ▼	#6	133 x 27	3	Black, White, Green	.980	.125
E954-13 Non-UL	Obsolete - No Replacement Available					
E954-14	#8	133 x 29 or 65 x 26	4	Black, White, Green, Red	.98 max. O.D.	.125 ± .019
E954-15	Obsolete - No Replacement Available					
E954-16	#12	65 x 30	3	Black, White, Green	.62	.095
E954-17	#16	26 x 30+	14	Black, White, Red, Green, Orange, Blue, White/Black Tracer, Red/Black Tracer, Green/Black Tracer, Orange/Black Tracer, Blue/Black Tracer, Black/White Tracer, Red/White Tracer, Green/White Tracer	.73	.095

1. The insulation must be free stripping from the conductors.
 2. The jacket must be free stripping from the insulation.
 3. Packing. 500 feet plus any multiple of 25 feet thereafter to a 24-36" reel.
Vendor is to label each reel with E-spec number.
 4. All E954 cables have UL rating of 90°C.
- + Alternate stranding 65 x 34.
▼ Standard - Do not use for new designs.

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SUBJECT: Multiple Conductor Flexible Cords				DOCUMENT NUMBER: E954	DOCUMENT REVISION: D
DRAWN BY: SWB	ENGINEER: J. Veliky	MATERIAL DISPOSITON: UF			
APPROVED:	APPROVAL DATE:	PROJECT NUMBER: CRM38344	Page 1 of 2		

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Spec No.	Conductor Size A.W.G.	Conductor Stranding	No. of Conduct.	Color Code of Conductors	O.D. NOM. Ave.	Thickness of Jacket Min. Ave. (UL)
E954-18	3 #12 3 #18		6	Black, White, Green, Blue, Orange, Brown	.0595	.080

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 2. The jacket must be free stripping from the insulation.
 3. Packing. 500 feet plus any multiple of 25 feet thereafter to a 24-36" reel.
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 4. All E954 cables have UL rating of 90°C.
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