

TYPICAL PART NUMBER

M16878/15 - B - D - B - 0

Military Spec Sheet Number "Slash Sheet"	Conductor Material	AWG Size	Stranding	Color Code
1 = B 2 = C 3 = D 4 = E 5 = EE 6 = ET 7 = F 8 = FF 10 = J 11 = K 12 = KK 13 = KT 14 = XLPE 15 = XLPE 16 = XLPE 17 = BN	18 = CN 19 = DN 20 = ETW 21 = EW 22 = EEW 23 = ETxNI 24 = ETWNI 25 = ExNI 26 = EWNi 27 = EEExNI 28 = EEWNi 29 = F6TC 30 = FF1TC 31 = FF1TCGB 32 = FF1AgGB 33 = JN	A = Bare copper B = Coated copper C = Coated copper covered steel (C. C. Steel) D = Coated high strength copper alloy (H.S.C.A.)	A Solid B 7 C 10 D 16 E 19 F 26 G 37 H 41 J 65 K 105 L 133 M 168 N 259 P 665 R 817 S 1045 T 1330 V 1672 W 2109	0 Black 1 Brown 2 Red 3 Orange 4 Yellow 5 Green 6 Blue 7 Violet 8 Gray 9 White

WIRE SPECS FOR MIL-W-16878

MIL-W-16878/1	PVC, 600 V/105°C
MIL-W-16878/2	PVC, 1000 V/105°C
MIL-W-16878/3	PVC, 3000 V/105°C
MIL-W-16878/4	PTFE, 600 V/200°C
MIL-W-16878/5	PTFE, 1000 V/200°C
MIL-W-16878/6	PTFE, 250 V/200°C
MIL-W-16878/7	Silicone Rubber, 600 V/200°C
MIL-W-16878/8	Silicone Rubber, 1000 V/200°C
MIL-W-16878/9	Silicone Rubber, 100 V/200°C
MIL-W-16878/10	Polyethylene, 600 V/75°C
MIL-W-16878/11	FEP, 600 V/200°C
MIL-W-16878/12	FEP, 1000 V/200°C
MIL-W-16878/13	FEP, 250 V/200°C
MIL-W-16878/14	XLPE, 600 V/125°C
MIL-W-16878/15	XLPE, 1000 V/125°C
MIL-W-16878/16	XLPE, 3000 V/125°C
MIL-W-16878/17	PVC, Polyamide, 600 V/105°C
MIL-W-16878/18	PVC, Polyamide, 1000 V/105°C
MIL-W-16878/19	PVC, Polyamide, 3000 V/105°C
MIL-W-16878/20	PTFE, Wrapped, 250 V/200°C
MIL-W-16878/21	PTFE, Wrapped, 600 V/200°C
MIL-W-16878/22	PTFE, Wrapped, 1000 V/200°C
MIL-W-16878/23	PTFE, 250 V/260°C
MIL-W-16878/24	PTFE, Wrapped, 250 V/260°C
MIL-W-16878/25	PTFE, 600 V/260°C
MIL-W-16878/26	PTFE, Wrapped, 600 V/260°C
MIL-W-16878/27	PTFE, 1000 V/260°C
MIL-W-16878/28	PTFE, Wrapped, 1000 V/260°C
MIL-W-16878/29	Silicone Rubber, 600 V/150°C
MIL-W-16878/30	Silicone Rubber, 1000 V/150°C
MIL-W-16878/31	Silicone Rubber, 1000 V/150°C
MIL-W-16878/32	Silicone Rubber, 1000 V/200°C
MIL-W-16878/33	Polyethylene, Polyamide, 600 V/75°C
MIL-W-16878/34	PTFE, Double Wrapped, 1000 V/200°C
MIL-W-16878/35	PTFE, Double Wrapped, 1000 V/260°C
MIL-W-16878/36	XLPO, (Low Smoke), 600 V/105°C
MIL-W-16878/37	EPDM, 600 V/105°C
MIL-W-16878/38	EPDM, 5000 V/125°C

WIRE SPECS FOR MIL-W-22759

MIL-W-22759/1	PTFE, 600 V/200°C	MIL-W-22759/22	PTFE, 600 V/200°C
MIL-W-22759/2	PTFE, 600 V/200°C	MIL-W-22759/23	PTFE, 600 V/260°C
MIL-W-22759/3	PTFE, 600 V/200°C	MIL-W-22759/28	PTFE, Poly, 600 V/260°C
MIL-W-22759/4	PTFE, 600 V/200°C	MIL-W-22759/29	PTFE, Poly, 600 V/260°C
MIL-W-22759/5	MIN. PTFE, 600 V/200°C	MIL-W-22759/30	PTFE, Poly, 600 V/200°C
MIL-W-22759/6	MIN. PTFE, 600 V/260°C	MIL-W-22759/31	PTFE, Poly, 600 V/260°C
MIL-W-22759/7	MIN. PTFE, 600 V/200°C	MIL-W-22759/32	X-ETFE, 600 V/150°C
MIL-W-22759/8	MIN. PTFE, 600 V/260°C	MIL-W-22759/33	X-ETFE, 600 V/200°C
MIL-W-22759/9	PTFE, 1000 V/200°C	MIL-W-22759/34	X-ETFE, 600 V/150°C
MIL-W-22759/10	PTFE, 1000 V/260°C	MIL-W-22759/35	X-ETFE, 600 V/200°C
MIL-W-22759/11	PTFE, 600 V/200°C	MIL-W-22759/36	XLPA, ETFE, 600 V/135°C
MIL-W-22759/12	PTFE, 600 V/260°C	MIL-W-22759/37	XLPA, ETFE, 600 V/150°C
MIL-W-22759/13	FEP, 600 V/135°C	MIL-W-22759/38	XLPA, ETFE, 600 V/135°C
MIL-W-22759/14	FEP, 600 V/135°C	MIL-W-22759/39	XLPA, ETFE, 600 V/135°C
MIL-W-22759/15	FEP, 600 V/135°C	MIL-W-22759/40	XLPA, ETFE, 600 V/135°C
MIL-W-22759/16	ETFE, 600 V/150°C	MIL-W-22759/41	XL-ETFE, 600 V/150°C
MIL-W-22759/17	ETFE, 600 V/150°C	MIL-W-22759/42	XL-ETFE, 600 V/200°C
MIL-W-22759/18	ETFE, 600 V/150°C	MIL-W-22759/43	XL-ETFE, 600 V/150°C
MIL-W-22759/19	ETFE, 600 V/150°C	MIL-W-22759/44	XL-ETFE, 600 V/200°C
MIL-W-22759/20	PTFE, 1000 V/200°C	MIL-W-22759/45	XL-ETFE, 600 V/200°C
MIL-W-22759/21	PTFE, 1000 V/260°C	MIL-W-22759/46	XL-ETFE, 600 V/200°C

WIRE SPECS FOR MIL-DTL-22759

MIL-DTL-22759/80	Light Weight Composite	600 V/150°C
MIL-DTL-22759/81	Light Weight Composite	600 V/200°C
MIL-DTL-22759/82	Light Weight Composite	600 V/260°C
MIL-DTL-22759/83	Normal Weight Composite	600 V/200°C
MIL-DTL-22759/84	Normal Weight Composite	600 V/260°C
MIL-DTL-22759/85	Normal Weight Composite	600 V/150°C
MIL-DTL-22759/86	Normal Weight Composite	600 V/200°C
MIL-DTL-22759/87	Normal Weight Composite	600 V/260°C
MIL-DTL-22759/88	Normal Weight Composite	600 V/150°C
MIL-DTL-22759/89	Normal Weight Composite	600 V/200°C
MIL-DTL-22759/90	Normal Weight Composite	600 V/260°C
MIL-DTL-22759/91	Light Weight Composite	600 V/200°C
MIL-DTL-22759/92	Light Weight Composite	600 V/260°C

M22759 has been superseded by SAE AS22759, and some of the M16878 specs have been superseded by NEMA. Visit www.awcwire.com for the latest specifications.