Wire_and_Cable_Switches.qxd 11-11-11 9:37 AM Page 1

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SECTION Q
WIRE & CABLE

Wire

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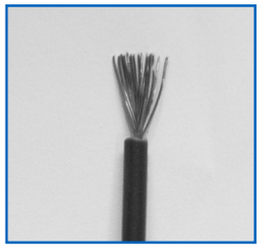
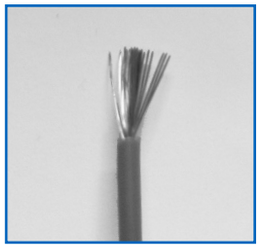
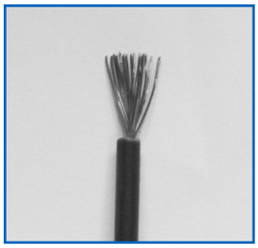
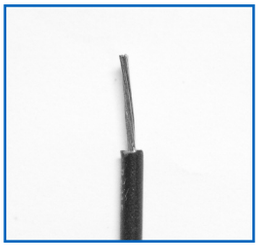
TEW AND TEWN AND TR-64 WIRE

TEW and TEWN - Single Conductor

Hook up wire for internal wiring of appliances and lighting fixtures

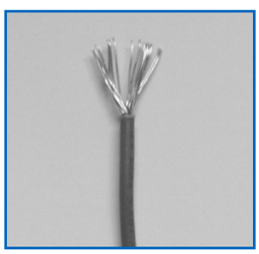
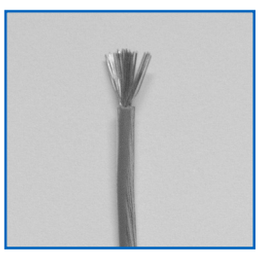
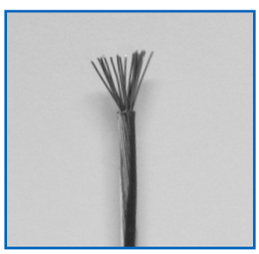





Part Number:	TEW-18/16 BC	TEW-16/26-BC	TEW-14/41-BC	TEWN-18/16 BC
No. of Cond.	1	1	1	1
Conductor Stranding	16	26	41	1
AWG Size	18	16	14	18
Voltage	600V	600V	600V	600V
Temperature Rating	105ºC/-20ºF	105ºC/-20ºF	105ºC/-20ºF	105ºC/-20ºF
Nom. Insul. Thick. (in)	0.030	0.030	0.030	0.015
Nom. O.D. of Wire (in)	0.110	0.120	0.136	0.082
Colors	see below	see below	see below	see below
Approx LBS/MFT	9 lbs[2]	13 lbs[2]	19 lbs[2]	7 lbs[2]
Amps	10[1]	13[1]	15[1]	10[1]
UL Style	1015 AWM	1015 AWM	1015 AWM	1316/1452
CSA Type	Approved	Approved	Approved	Approved
Conductor Material	Bare Copper	Bare Copper	Bare Copper	Bare Copper
Insulation Material	PVC	PVC	PVC	PVC & Nylon
Jacket Material	N/A	N/A	N/A	N/A
Available Colors - add Suffix to Part Number	**-BL** - Black	**-WH** - White	**- GN** - Green	**- BL** - Blue	**-YL** - Yellow	**- RD** - Red
Available Spools - add Suffix to Part Number	**- 75** - 75 meter or 246' spool	**-300** - 300 meter or 1000' spool

All wires are available cut to length and terminated to your requirements - Please just ask for a quotation.
1. Ampacities based on NEC Table 400.5(A) 2. Actual shipping weight may vary

TR-64 - Single Conductor

Hook up wire for internal wiring of appliances and lighting fixtures

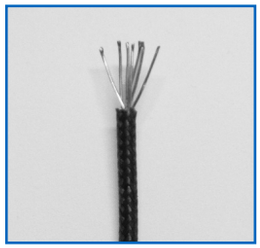
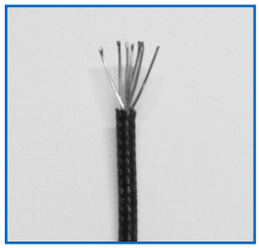
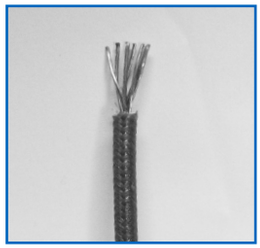
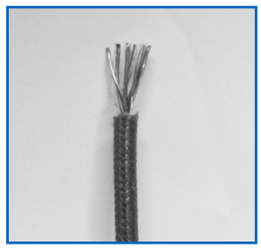
Part Number:	TR64-18/16-TC	GOLD-GRND18/16-TC-GRN-STR	SIL-GRND 18/16-TC-GRN-STR
No. of Cond.	1	1	1
Conductor Stranding	16	26	41
AWG Size	18	18	18
Voltage	300	300	300
Temperature Rating	105C	105C	105C
Nom. Insul. Thick. (in)	.015"	.015"	.015"
Nom. O.D. of Wire (in)	0.078	0.078	0.078
Colors	See Below	GOLD	SILVER
Approx LBS/MFT	8 lbs	8 lbs	8 lbs
Amps	10	10	10
UL Style	1007	1007	1007
CSA Type	TR-64	TR-64	TR-64
Conductor Material	Tinned Copper	Bare Copper	Tinned Copper
Insulation Material	PVC	PVC	PVC
Jacket Material	N/A	Green Tracer	Green Tracer
Available Colors - add Suffix to Part Number	**-BL** - Black	**-WH** - White	**- GN** - Green	**- BL** - Blue	**-YL** - Yellow	**- RD** - Red
Available Spools - add Suffix to Part Number	**- 75** - 75 meter or 246' spool	**-300** - 300 meter or 1000' spool

All wires are available cut to length and terminated to your requirements - Please just ask for a quotation.

SPT1 / SPT2 / SF OR SEW WIRE

SF/SEW Wire - Single Conductor

SF or SEW wire is used for internal wiring of lighting fixtures, motors or appliances where a higher temperature rated wire (200ºC) is needed.

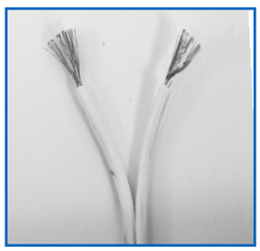
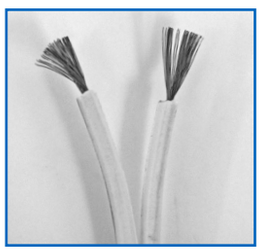





Part Number:	SF-1 / SEW1-18/7	SF-2 / SEW2-18/7	SF-2 / SEW2-16/7	SF-2 / SEW2-14/7
No. of Cond.	1	1	1	1
Conductor Stranding	7	7	7	7
AWG Size	18	18	16	14
Voltage	300V	600V	600V	600V
Temperature Rating	200C	200C	200C	200C
Nom. Insul. Thick. (in)	.030"	.030"	.030"	.030"
Nom. O.D. of Wire (in)	0.110"	.120"	.130"	.140"
Colors	See Below	See Below	See Below	See Below
Approx LBS/MFT	10 lbs	12 lbs	16 lbs	21 lbs
Amps	10	10	14 lbs	15
UL Style	SF-2	SF-2	SF-2	SF-2
CSA Type	Approved	Approved	Approved	Approved
Conductor Material	Tinned Copper	Tinned Copper	Tinned Copper	Tinned Copper
Insulation Material	Silicone Rubber	Silicone Rubber	Silicone Rubber	Silicone Rubber
Jacket Material	Fiberglass Braid	Fiberglass Braid	Fiberglass Braid	Fiberglass Braid
Available Colors - add Suffix to Part Number	**-BL** - Black	**-WH** - White	**-RD** - Red	**-GN**- Green
Available Spools - add Suffix to Part Number	**- 75** - 75 meter or 246' spool		**-300** - 300 meter or 1000' spool	

All wires are available cut to length and terminated to your requirements - Please just ask for a quotation.

SPT-1 and SPT-2 Cord

"Lamp Cord" is intended to be used in household appliances, including lamps, radios and fans.

Part Number:	SPT1-18/2-41BC	SPT2-18/2-41BC
No. of Cond.	2	2
Conductor Stranding	41	41
AWG Size	18	18
Voltage	600	600
Temperature Rating	105C/-20C	105C/-20C
Nom. Insul. Thick. (in)	0.03"	0.045"
Nom. O.D. of Wire (in)	.105" X .203"	.140" X .262"
Colors	See Below	See Below
Approx LBS/MFT	20 lbs	29 lbs
Amps	10	10
UL Style	62/1581	62/1581
CSA Type	Approved	Approved
Conductor Material	Bare Copper	Bare Copper
Insulation Material	PVC	PVC
Jacket Material	PVC	PVC
Available Colors - add Suffix to Part Number	**-BL** - Black **-WH** - White **- GD** - Gold	**- SI** - Silver **- BR** - Brown
Available Spools - add Suffix to Part Number	**- 75** - 75 meter or 246' spool	**-300** - 300 meter or 1000' spool

All wires are available cut to length and terminated to your requirements - Please just ask for a quotation.

SVT/SJT CORDS AND SO/SOW CORDS

SVT and SJT Cord

SVT CORD: "Vacuum Cleaner Cord" is intended for use on household appliances, lamps, floor care appliances, radios and fans.

SJT CORD: SJT cord is designed for heavy power tools, equipment, portable lighting, power bars.

Part Number:	SVT-18/3-105C	SVT-16/3-105C	SJT-18/3-105C	SJT-16/3-105C	SJT-14/3-105C
No. of Cond.	3	3	3	3	3
Conductor Stranding	41	65	16/30	26/30	41/30
AWG Size	18	16	18	16	14
Voltage	300V	300V	300V	300V	300V
Temperature Rating	105C	105C	105C	105C	105C
Nom. Insul. Thick. (in)	.030"	.030"	.030"	.030"	.030"
Nom. O.D. of Wire (in)	.255"	.290"	.315"	.330"	.365"
Colors	See below	See below	See below	See below	See below
Approx LBS/MFT	38 lbs	48 lbs	55 lbs	75 lbs	85 lbs
Amps	10	13	10	13	18
UL Style	UL62	UL62	UL62	UL62	UL62
CSA Type	Approved	Approved	Approved	Approved	Approved
Conductor Material	Bare Copper	Bare Copper	Bare Copper	Bare Copper	Bare Copper
Insulation Material	PVC	PVC	PVC	PVC	PVC
Jacket Material	PVC	PVC	PVC	PVC	PVC
Available Colors - add Suffix to Part Number	**-BL** - Black **-WH** - White				
Available Spools - add Suffix to Part Number	**- 75** - 75 meter or 246' spool		**-300** - 300 meter or 1000' spool		

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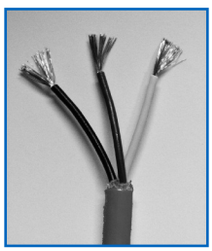
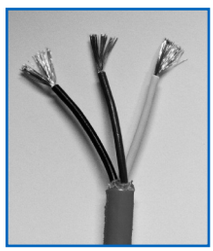
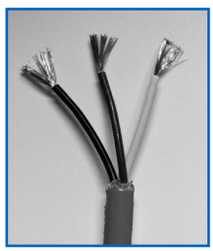
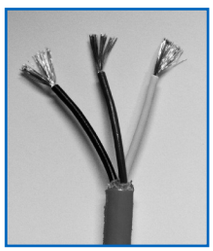
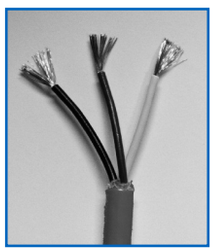
SO and SOW Cord

SO and SOW Cord is intended for power tools power equipment, small motors, portable appliances and machinery. The rubber or EPR insulation feature excellent resistance to oil and moisture and offers high flexibility for indoor and outdoor use.

Part Number:	SO-18/3-60C	SO-16/3-60C	SOW-18/3-60C	SOW16/3-60C	SOW-14/3-60C
No. of Cond.	3	3	3	3	3
Conductor Stranding	16/30	26/30	16/30	26/30	41/30
AWG Size	18	16	18	16	14
Voltage	600V	600V	600V	600V	600V
Temperature Rating	90C	90C	90C	90C	90C
Nom. Insul. Thick. (in)	.030"	.030"	.030"	.030"	.045"
Nom. O.D. of Wire (in)	.365"	.390"	.365"	.390"	.535"
Colors	See below	See below	See below	See below	See below
Approx LBS/MFT	80 lbs	95 lbs	80 lbs	95 lbs	170 lbs
Amps	10	13	10	13	18
UL Style	UL62	UL62	UL62	UL62	UL62
CSA Type	Approved	Approved	Approved	Approved	Approved
Conductor Material	Bare Copper	Bare Copper	Bare Copper	Bare Copper	Bare Copper
Insulation Material	Rubber or EPR	Rubber or EPR	Rubber or EPR	Rubber or EPR	Rubber or EPR
Jacket Material	Rubber or EPR	Rubber or EPR	Rubber or EPR	Rubber or EPR	Rubber or EPR
Available Colors - add Suffix to Part Number	**-BL** - Black				
Available Spools - add Suffix to Part Number	**- 75** - 75 meter or 246' spool		**-300** - 300 meter or 1000' spool		

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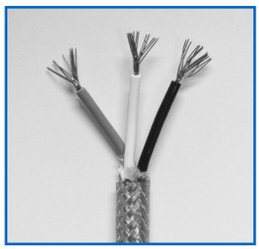
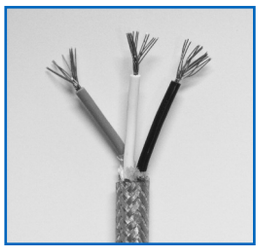
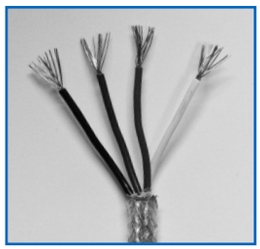
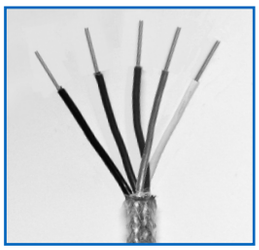
CLEAR BRAIDED MULTI CONDUCTOR CABLE

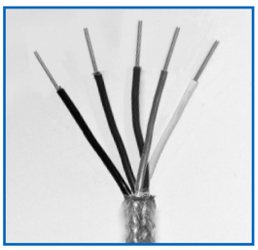
Clear Braided Multi Conductor Cable

"Clear Braided Cable" is intended for power feed on commercial and residential fixtures which are suspended from above using aircraft suspension cables. The clear insulation and braid offer a matching esthetic look to the cables.

Part Number:	PC-18/3-BRAID-STR-300V	PC-18/3-BRAID-STR-600V	PC-18/4-BRAID-STR-300V	PC-18/4-BRAID-STR-600V
No. of Cond.	3	3	4	4
Conductor Stranding	16X30	16X30	16X30	16X30
AWG Size	18	18	18	18
Voltage	300V	600V	300V	600V
Temperature Rating	105C	105C	105C	105C
Nom. Insul. Thick. (in)	.030"	.030"	.030"	.030"
Nom. O.D. of Wire (in)	.245"	.285"	.265"	.280"
Colors	Clear	Clear	Clear	Clear
Approx LBS/MFT	53 lbs	57 lbs	52 lbs	57 lbs
Amps	10	10	10	10
UL Style	Approved	Approved	Approved	Approved
CSA Type	Approved	Approved	Approved	Approved
Conductor Material	Bare Copper	Bare Copper	Bare Copper	Bare Copper
Braid Material	Tinned Copper	Tinned Copper	Tinned Copper	Tinned Copper
Insulation Material	PVC	PVC	PVC	PVC
Jacket Material	PVC	PVC	PVC	PVC
Available Spools - add Suffix to Part Number	**- 75** - 75 meter or 246' spool		**-300** - 300 meter or 1000' spool	





Part Number:	PC-18/4-BRAID-SOL-600V	PC-18/5-BRAID-STR-600V	PC-18/5-BRAID-SOL-600V
No. of Cond.	4	5	5
Conductor Stranding	1	16X30	1
AWG Size	18	18	18
Voltage	600V	600V	600V
Temperature Rating	105C	105C	105C
Nom. Insul. Thick. (in)	.030"	.030"	.030"
Nom. O.D. of Wire (in)	.280"	.310"	.310"
Colors	Clear	Clear	Clear
Approx LBS/MFT	58 lbs	65 lbs	65 lbs
Amps	10	10	10
UL Style	Approved	Approved	Approved
CSA Type	Approved	Approved	Approved
Conductor Material	Bare Copper	Bare Copper	Bare Copper
Braid Material	Tinned Copper	Tinned Copper	Tinned Copper
Insulation Material	PVC	PVC	PVC
Jacket Material	PVC	PVC	PVC
Available Spools - add Suffix to Part Number	**- 75** - 75 meter or 246' spool		**-300** - 300 meter or 1000' spool

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