



Northwire SPT Parallel Flat Cordage

- PVC insulation, 300V 105° C.
- 2 and 3 conductor. The 3rd conductor is a ground conductor and has green PVC insulation.

Three UL/CSA types available:

- SPT-1 18-20 AWG insulation wall thickness 0.030" nominal
- SPT-2 16-18 AWG insulation wall thickness 0.045" nominal
- SPT-3 10-18 AWG insulation wall thickness nominal 0.060" to 0.110" depending on Conductor size - see spec sheets.

Suitable for pendant or portable usage such as portable lamps and lighting, power supplies, battery chargers, and molded cord sets for appliances. SPT-3 is also suitable for use on refrigerators, room air conditioners and as permitted in NEC 422.16 (B) for waste disposers. Refer to NEC Article 400.

Standard colors include black, white, grey, brown. Other custom colors are available. Consult the factory for color and marking options.

Other custom options are available:

- Alternate stranding
- Tinned copper stranding
- AWM styles
- Custom put-ups

NOTE: there is a 5000 ft. minimum order quantity for SPT cable. Contact Northwire for prices.

Ordering

Call NorthwireDirect at **1.800.468.1516** for fast shipment. We accept Visa and MasterCard for easy payment.

SPT Parallel Flat Cordage

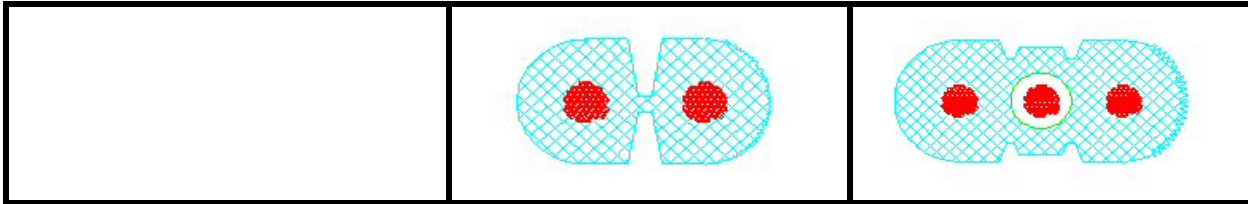
PVC Insulation



UL & CSA Style	Ga	# of Cond.	Stranding	Specifications
SPT-1	20	2	41x36 bare copper	<click here for Specs>
SPT-1	20	3	41x36 bare copper	<click here for Specs>
SPT-1	18	2	41x34 bare copper	<click here for Specs>
SPT-1	18	3	41x34 bare copper	<click here for Specs>
SPT-2	18	2	41x34 bare copper	<click here for Specs>
SPT-2	18	3	41x34 bare copper	<click here for Specs>
SPT-2	16	2	65x34 bare copper	<click here for Specs>
SPT-2	16	3	65x34 bare copper	<click here for Specs>
SPT-3	18	2	41x34 bare copper	<click here for Specs>
SPT-3	18	3	41x34 bare copper	<click here for Specs>
SPT-3	16	2	65x34 bare copper	<click here for Specs>
SPT-3	16	3	65x34 bare copper	<click here for Specs>
SPT-3	14	2	41x30 bare copper	<click here for Specs>
SPT-3	14	3	41x30 bare copper	<click here for Specs>
SPT-3	12	2	65x30 bare copper	<click here for Specs>
SPT-3	12	3	65x30 bare copper	<click here for Specs>
SPT-3	10	2	105x30 bare copper	<click here for Specs>
SPT-3	10	3*	105x30 bare copper	<click here for Specs>

Specifications and Technical Data

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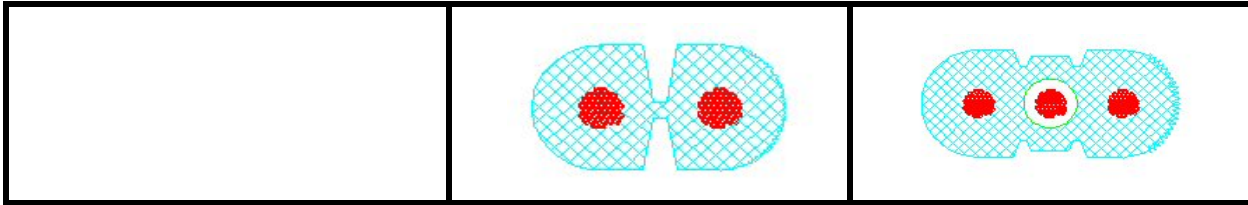
Specifications

		SPT-1	
Mechanical		20 AWG	18 AWG
CONDUCTOR :		2 3	2 3
Number of Conductors:		2 3	2 3
AWG:		20	18
Stranding:		41x36	41x34
Conductor Material:		BC - Bare Copper	BC - Bare Copper
INSULATION :			
Insulation Material:		PVC - Polyvinyl Chloride	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness:		.030 in.	.030 in.
OUTER SHIELD :			
Outer Shield Material:		Unshielded	Unshielded
DIMENSIONS			
Thickness x Width		.105 x .205 consult factory	.110 x .210 .115 x .305
Operating Temperature Range:		60° and 105°C	60° and 105°C
Electrical			
Max. Operating Voltage - UL:		300 V RMS	300 V RMS
Dielectric Withstand Voltage:		1500 V AC Applied for 1 Min.	1500 V AC Applied for 1 Min.
Max. Recommended Current:		2 Amps	10 Amps 7 Amps
Standards and Agency Compliance			
APPLICABLE STANDARDS :			
NEC/(UL) Specification:		SPT-1	SPT-1
CSA Specification:		SPT-1	SPT-1
PLENUM/NON-PLENUM :			
Plenum (Y/N):		N	N

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Specifications and Technical Data

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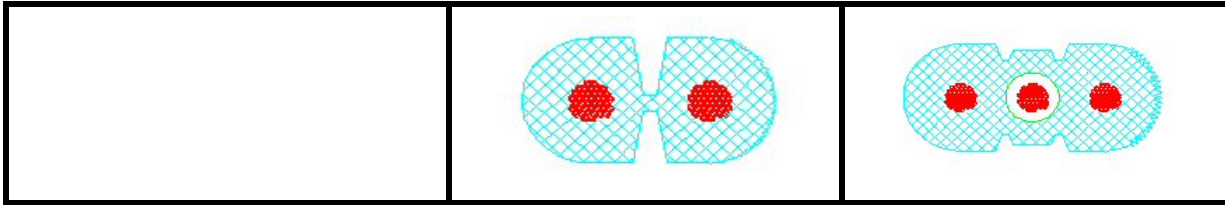
Specifications

	SPT-2			
	18 AWG		16 AWG	
	2	3	2	3
Mechanical				
CONDUCTOR :				
Number of Conductors:	18		16	
AWG:	41x34		65x34	
Stranding:	BC - Bare Copper		BC - Bare Copper	
Conductor Material:				
INSULATION :				
Insulation Material:	PVC - Polyvinyl Chloride		PVC - Polyvinyl Chloride	
Nom. Insulation Wall Thickness:	.045 in.		.045 in.	
OUTER SHIELD :				
Outer Shield Material:	Unshielded		Unshielded	
DIMENSIONS				
Thickness x Width	.141 x .264	.141 x .340	.154 x .286	.152 x .373
Operating Temperature Range:	60° and 105°C		60° and 105°C	
Electrical				
Max. Operating Voltage - UL:	300 V RMS		300 V RMS	
Dielectric Withstand Voltage:	1500 V AC Applied for 1 Min.		1500 V AC Applied for 1 Min.	
Max. Recommended Current:	10 Amps		13 Amps	10 Amps
Standards and Agency Compliance				
APPLICABLE STANDARDS :				
NEC/(UL) Specification:	SPT-2		SPT-2	
CSA Specification:	SPT-2		SPT-2	
PLENUM/NON-PLENUM :				
Plenum (Y/N):	N		N	

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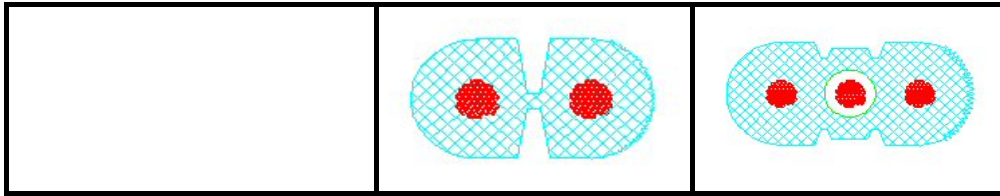
Specifications

	SPT-3			
	18 AWG		16 AWG	
CONDUCTOR :	2	3	2	3
Number of Conductors:				
AWG:	18		16	
Stranding:	41x34		65x34	
Conductor Material:	BC - Bare Copper		BC - Bare Copper	
INSULATION :				
Insulation Material:	PVC - Polyvinyl Chloride		PVC - Polyvinyl Chloride	
Nom. Insulation Wall Thickness:	.060 in.		.060 in.	
OUTER SHIELD :				
Outer Shield Material:	Unshielded		Unshielded	
DIMENSIONS				
Thickness x Width	.175 x .336	.172 x .385	.170 x .345	.185 x .440
Operating Temperature Range:	60° and 105°C		60° and 105°C	
Electrical				
Max. Operating Voltage - UL:	300 V RMS		300 V RMS	
Dielectric Withstand Voltage:	1500 V AC Applied for 1 Min.		1500 V AC Applied for 1 Min.	
Max. Recommended Current:	10 Amps	7 Amps	13 Amps	10 Amps
Standards and Agency Compliance				
APPLICABLE STANDARDS :				
NEC/(UL) Specification:	SPT-3		SPT-3	
CSA Specification:	SPT-3		SPT-3	
PLENUM/NON-PLENUM :				
Plenum (Y/N):	N		N	

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Specifications and Technical Data

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Specifications

		SPT-3					
Mechanical		14 AWG		12 AWG		10 AWG	
CONDUCTOR :							
Number of Conductors:		2	3	2	3	2	3
AWG:		14		12		10	
Stranding:		41x30		65x30		105x30	
Conductor Material:		BC - Bare Copper		BC - Bare Copper		BC - Bare Copper	
INSULATION :							
Insulation Material:		PVC - Polyvinyl Chloride		PVC - Polyvinyl Chloride		PVC - Polyvinyl Chloride	
Nom. Insulation Wall Thickness:		.080 in.		.095 in.		.110 in.	
OUTER SHIELD :							
Outer Shield Material:		Unshielded		Unshielded		Unshielded	
DIMENSIONS							
Thickness x Width		.240 x .430	.238 x .520	.300 x .525	.292 x .624	.340 x .600	T.B.D.
Operating Temperature Range:		60° and 105°C		60° and 105°C		60° and 105°C	
Electrical							
Max. Operating Voltage - UL:		300 V RMS		300 V RMS		300 V RMS	
Dielectric Withstand Voltage:		1500 V AC Applied for 1 Min.		1500 V AC Applied for 1 Min.		1500 V AC Applied for 1 Min.	
Max. Recommended Current:		18 Amps	15 Amps	25 Amps	20 Amps	30 Amps	25 Amps
Standards and Agency Compliance							
APPLICABLE STANDARDS :							
NEC/(UL) Specification:		SPT-3		SPT-3		SPT-3	
CSA Specification:		SPT-3		SPT-3		SPT-3	
PLENUM/NON-PLENUM :							
Plenum (Y/N):		N		N		N	

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