

SPECIFICATION



LIAN DUNG

ELECTRIC WIRE MATERIAL CO., LTD

聯東電線材料股份有限公司

APPROVED

台灣台中市豐原區三豐路二段 515-16 號

No.515-16, Sec.2, Sanfeng Rd., Fengyuan Dist.,
Taichung City 420, Taiwan

TEL : 886-4-25270346 FAX : 886-4-25270348

http : //www.liandung.com.tw

E-mail : liandung@liandung.com.tw

客戶名稱 : (CUSTOMER NAME)

TME

客戶料號 : (CUSTOMER PART NO.)

A2-03

A2-10

A2-20

PLUG : LT-G053

CORD : SPT-1 18AWG/2C105D BLK 0.3m/1m/2m

ISSUE : LD-QA-1070366/1070367/1070368

DATE : MAR-16-2018

核		審		製	王 俊 堯
准		核		表	

1.Scope:

This specification defines the requirements for SPT-1 、 SPT-2 、 SPT-3 power cord for NORTH AMERICAN use.

2.Reference Publication:

UL 62 & 817.

CSA C22.2 No.49-06 & No.21-95

3.Construction:

3.1 Plug: Catalogue No. LT-301 (UL/CSA TYPE) ; UL File No. E 121791

3.2 Connector: NA

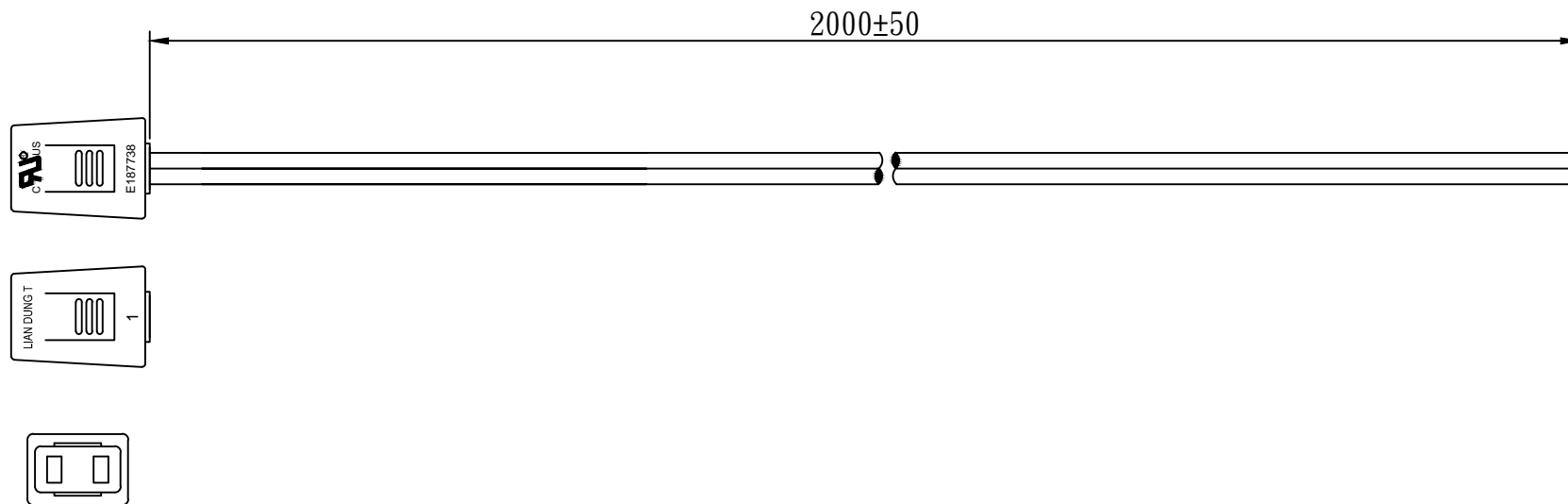
3.3 Flexible cord manufacturerl:

● WU LI

● I-SHENG

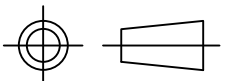
3.4.Flexible Cord:

Types	Conductor			Core	Insulation Thickness mm	Jacket Thickness mm	Overall Diameter mm	Rating			
	AWG	mm ²	No./mm					Voltage V	Temp. °C	Current A	
SPT-1	18	0.81	41/0.16	2	--	0.76	2.70*5.40	300	60.105	10	★
	18	0.81	41/0.16	3	0.33	0.76	2.75*7.48	300	60.105	10	
SPT-2	18	0.81	41/0.16	2	--	1.14	3.40*6.80	300	60.105	10	
	16	1.31	26/0.253	2	--	1.14	3.60*7.20	300	60.105	13	
SPT-2	18	0.81	41/0.16	3	0.35	1.14	3.70*8.60	300	60.105	10	
	16	1.31	26/0.253	3	0.35	1.14	3.60*10.10	300	60.105	13	
SPT-3	18	0.81	40/0.16	2	--	1.52	4.2*8.4	300	60.105	10	
	16	1.31	26/0.253	2	--	1.52	4.5*9.0	300	60.105	13	
	14	2.08	41/0.253	2	--	1.52	5.8*11.6	300	60.105	18	
SPT-3	18	0.81	41/0.16	3	0.35	1.52	4.2*11.0	300	60.105	10	
	16	1.31	26/0.253	3	0.35	1.52	4.5*11.8	300	60.105	13	
	14	2.08	41/0.253	3	0.35	1.52	5.8*14.1	300	60.105	18	



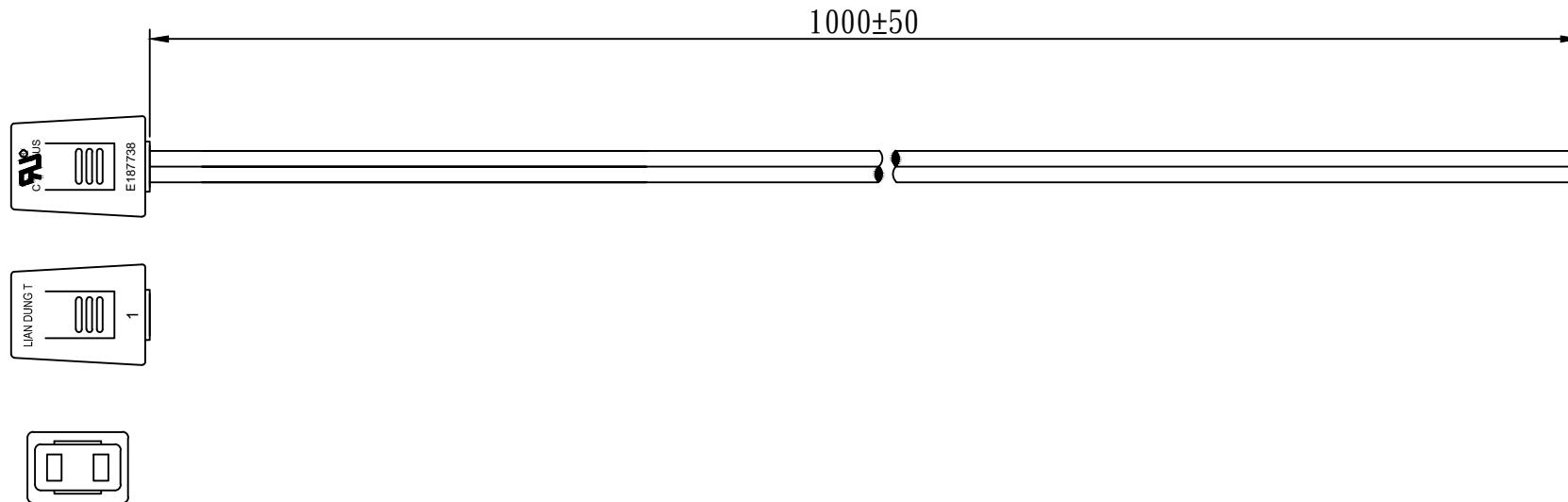
NOTE :

1. CORD : SPT-1 18AWG/2C 105D BLK 2m
2. CUSTOMER : TME
3. Supplier for flexible cord : I-SHENG、WU LI
4. P/N : A2-20

3.			DRAWER	王俊堯	DATE	18/03/16	TITLE	LT-G053
2.			APPROVE		REV.	1	Dr.No.	1070368
1.				比例			TOL.	±5mm
PART	DESCRIPTION	DATE					ALL DIMENSIONS IN mm	


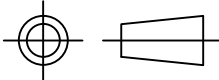


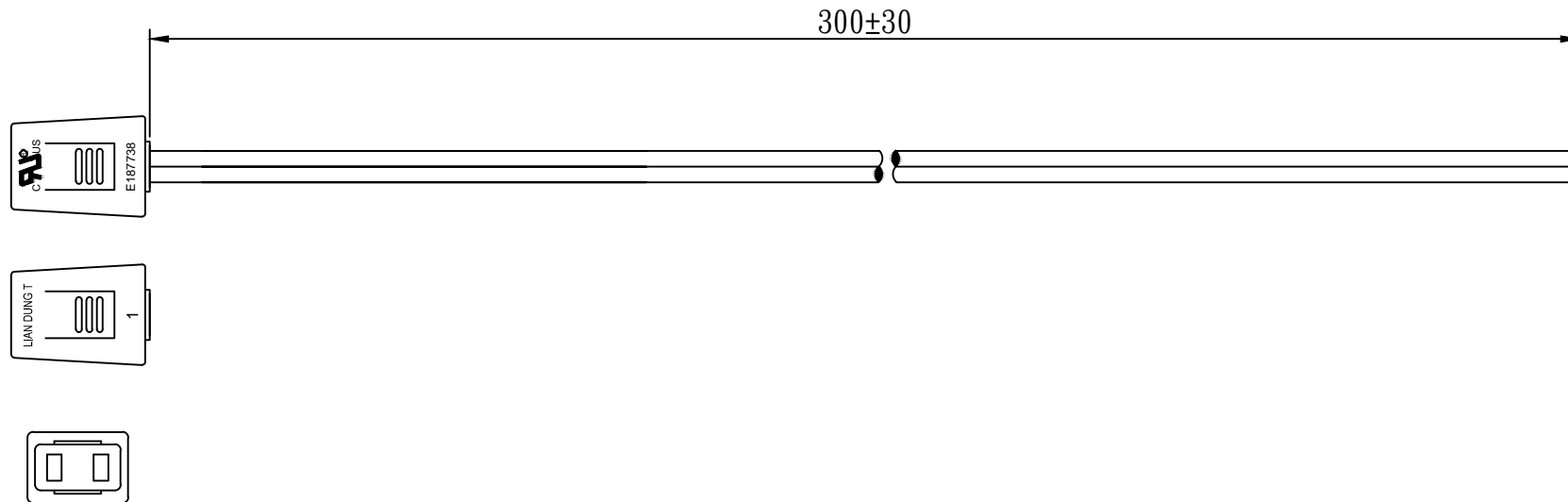
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ELECTRIC WIRE MATERIAL CO.,LTD.
聯東電線材料股份有限公司



NOTE :


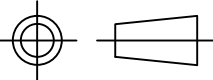
1. CORD : SPT-1 18AWG/2C 105D BLK 1m
2. CUSTOMER : TME
3. Supplier for flexible cord : I-SHENG、WU LI
4. P/N : A2-10

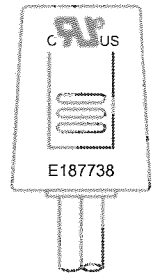
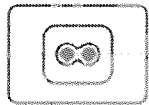
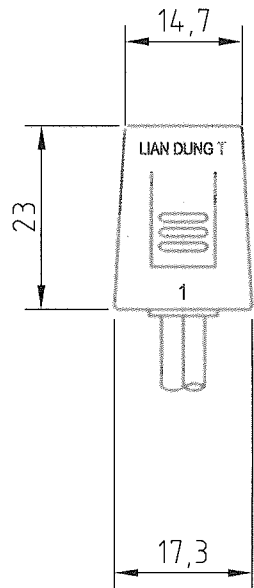
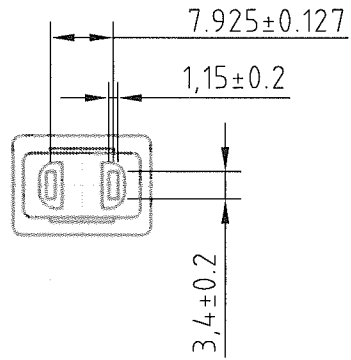
3.			DRAWER	王俊堯	DATE	18/03/16	TITLE	LT-G053	 LIAN DUNG ELECTRIC WIRE MATERIAL CO.,LTD. 聯東電線材料股份有限公司
2.			APPROVE		REV.	1	Dr.No.	1070367	
1.							TOL.	±5mm	
PART	DESCRIPTION	DATE			比例		ALL DIMENSIONS IN mm		



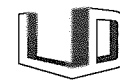
NOTE :

1. CORD : SPT-1 18AWG/2C 105D BLK 0.3m
2. CUSTOMER : TME
3. Supplier for flexible cord : I-SHENG、WU LI
4. P/N : A2-03

3.			DRAWER	王俊堯	DATE	18/03/16	TITLE	LT-G053	 LIAN DUNG ELECTRIC WIRE MATERIAL CO.,LTD. 聯東電線材料股份有限公司
2.			APPROVE		REV.	1	Dr.No.	1070366	
1.			 比例			TOL.	±5mm		
PART	DESCRIPTION	DATE					ALL DIMENSIONS IN mm		



PART	DESCRIPTION	DATE	DRAWER	王俊堯	DATE	18/02/12	TITLE	LT-G053
1.			APPROVE		REV.	1	Dr.No.	G-053
2.			 	比例	1:1	TOL.	±0.8mm	
3.		ALL DIMENSIONS IN mm						



LIAN DUNG
ELECTRIC WIRE MATERIAL CO.,LTD.
聯東電線材料股份有限公司



ELBZ.E121791
Cord Sets and Power-supply Cords

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Cord Sets and Power-supply Cords

[See General Information for Cord Sets and Power-supply Cords](#)

LIAN DUNG ELECTRIC WIRE MATERIAL CO LTD

E121791

957-16 SAN FENG RD
FENG YUAN DISTRICT
TAICHUNG, 420 TAIWAN



Trademark and/or Tradename:

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Cat. NO. LT-G053, **07100** - FIG. 1

General - The general design, shape and arrangement shall be as illustrated except where variations are specifically described. **Cat. No. 07100 is identical to Cat. No. LT-G053 except for different model name.**

Body - Molded PVC, R/C (QMFZ2/8), Cat. No. CS-9371-WBS, see File E177713, manufactured by CHIA SHIN ENTERPRISES CO LTD. See ILL. 1 for dimensional details.

Alternate Material - Molded PVC, R/C (QMFZ2/8), Cat. No. AH-85J, see File E134674, manufactured by RHYTHM WIRE INDUSTRIAL CO LTD.

Contacts - Two provided, copper alloy, plated optional. Crimped to

conductor with crimping length 2.4 mm and crimping height 1.4 mm for one flexible cord provided, crimping length 2.4 mm and crimping height 1.7 mm for two flexible cord provided. See ILL. 2 for dimensional details.

Cord - Flexible cord, Listed (ZJCZ/7). One or two provided. See the following table for application details.

<u>Cord Size</u>	<u>Cord Type</u>	<u>USL</u>	<u>CNL</u>
18/2 AWG	SPT-1	YES	YES

I N D E X

CAT. NO.	Electrical A/V	Section	Fig.	USR	CNR
*LT-T018	20/48	1	1	YES	YES
LT-T019	20/48	2	1	YES	YES
LT-G053, 07100	10/125	3	1	YES	YES
LT-G067, 07190	10/125	3	2	YES	YES
LT-G068, 07199	10/125	3	3	YES	YES
LT-G069, 07145	10/125	3	4	YES	YES

Note - USR - United States Standard, Recognized Component.

CNR - Canadian National Standard, Recognized Component.



ZJCZ.E94163 Flexible Cord

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Flexible Cord

[See General Information for Flexible Cord](#)

WU LI ELECTRIC WIRE & CABLE CO LTD

E94163

60 CHUNG-HWA RD, SEC 5
HSINCHU, 300 TAIWAN

Decorative cord, Type(s) CXTW, SPT-1W, SPT-2W, XTW

Jacketed cord, Type(s) SJT, SJT-R, SJTW, ST, STW, SVT, SVT-R

Parallel cord, Type(s) NISPT-1, NISPT-2, SPT-1, SPT-1-R, SPT-2, SPT-2-R, SPT-3



Trademark and/or Tradename: "E94163" , "LIAN DUNG" ,

[Last Updated](#) on 2013-06-13

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PROFILE OF CERTIFICATION REPORTS

178 Rexdale Blvd. Rexdale (Toronto), Ontario M9W 1R3

NUMBR P85694X0000

FILE NO: LL 85694

SUBMITTOR

Wu Li Electric Wire & Cable Co.
60 Chung Hua Rd.
Section 5
Hsin-Chu, Taiwan
Attention: Mr. Y.Y. Chang
Fax: 88635 383138

Page No: CRP 1 of 1
Date: October 13, 1992
Replaces: August 28, 1992

FACTORY

Wu Li Electric Wire & Cable Co.
60 Chung Hua Rd.
Section 5
Hsin-Chu, Taiwan

INSPECTION OFFICE

Taiwan

FILE NO

LL 85694

REPORT NO-APPL. NO

-1

April 4, 1989 - Certification of
equipment wire Type TXF, 60C, 125V.

-2

January 3, 1991 - Flexible cord Type
SPT-1 (2 conductor construction) rated at
60C, FT2.

-3

January 30, 1991 - Flexible cord Type
SPT-1 (2 conductor) rated at 105C, FT2.

-4,-8

August 28, 1991 - Supplementary
certification of flexible cords Type
SPT-2 (2 conductor construction) rated
60C, 105C, FT2. In all colours except
clear and transparent.

-11, -12

October 13, 1992 - AWM, single conductor
construction with PVC insulation, Class
I, Group A/B, 80C, 105C, 300V, 600V,
FT1.

* * * * * * * * *bm



ZJCZ.E88265 Flexible Cord

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Flexible Cord

[See General Information for Flexible Cord](#)

I SHENG ELECTRIC WIRE & CABLE CO LTD

E88265

52 TIN HWU RD

TA GANN VILLAGE

GWAI SAN HSIAN, TAOYUAN HSIEN 333 TAIWAN

Clock cord, Type(s) Clock

Decorative cord, Type(s) CXTW, SPT-1W, SPT-2W, XTW

Dryer and range cord, Type(s) SRDT

Heater cord, Type(s) HPN

Jacketed cord, Type(s) S, SJ, SJO, SJOO, SJOOW, SJOW, SJT, SJT-R, SJTO, SJTW, SO, SOO, SOOW, SOW, ST, STO, STOW, STW, SV, SVO, SVOO, SVT, SVT-R

Parallel cord, Type(s) NISPT-1, NISPT-2, SPT-1, SPT-2, SPT-2-R, SPT-3

Trademark and/or Tradename: "CERROWIRE"

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Certification Record

CUSTOMER	CLASS	FILE
I-Sheng Electric Wire & Cable Co., Ltd. No 52 Tin Hwu Rd, Ta Gann Village Gwai San Hsian Taoyuan Hsien 33334 Taiwan	<u>5831-01</u> WIRES-Flexible Cord Refer to Class Description for program details	081924_0_000

TO THE REQUIREMENTS OF CSA STANDARD C22.2 NO 49-06:

Type	Max Volt (V)	Size of Conductors (AWG*)	No of Conductors	Insul. Type	Jacket Type	Notes
• Max temperature rating 60C:						
SPT-1	300	20,18	2,3	PVC	-	1,2,3
NISPT-1	300	20,18	2,3	PVC	PVC	1,2,6
SPT-2	300	18,16	2,3	PVC	-	1,2,3
NISPT-2	300	18,16	2,3	PVC	PVC	1,2,6
SPT-3	300	18-10	2,3	PVC	-	1, 2
SVT	300	18,17,16	2,3	PVC	PVC	1,2,4
SJT	300	18-10	2-6	PVC	PVC	1,2,4
SJTO	300	18-10	2-6	PVC	PVC	1,2
SJTW, SJTOW	300	18-10	2-6	PVC	PVC	1,2,4,5
ST	600	18-2	2 or more	PVC	PVC	1,2,4
STW, STOW	600	18-2	2 or more	PVC	PVC	1,2,4,5
PXT	125	20	2	PVC	-	1,2,7
PXWT	300	18, 16	2	PVC	-	1,2,5,7
S	600	18-2	2 or more	EP	CPE	1,2,7
SO	600	18-2	2 or more	EP	CPE	1,2,7
SOO	600	18-2	2 or more	EP	CPE	1,2,7
SOW	600	18-2	2 or more	EP	CPE	1,2,7
SOOW	600	18-2	2 or more	EP	CPE	1,2,7
SJ	300	18-10	2-6	EP	CPE	1,2,7
SJO	300	18-10	2-6	EP	CPE	1,2,7
SJOO	300	18-10	2-6	EP	CPE	1,2,7
SV	300	18,17,16	2 or 3	EP	CPE	1,2,7
SVO	300	18,17,16	2 or 3	EP	CPE	1,2,7
SVOO	300	18,17,16	2 or 3	EP	CPE	1,2,7

• Max temperature 90C:

HPN	300	14	2	CPE	-	1,2
SV	300	18, 17, 16	2 or 3	EP	CPE	1, 2, 7
SVO	300	18, 17, 16	2 or 3	EP	CPE	1, 2, 7
SVOO	300	18, 17, 16	2 or 3	EP	CPE	1, 2, 7
HPN	300	16, 18	2 or 3	CPE	-	1, 2, 8

• Max temperature 105C:

SPT-1	300	20,18	2,3	PVC	-	1,2,3
NISPT-1	300	20,18	2,3	PVC	PVC	1,2,6
SPT-2	300	18,16	2,3	PVC	-	1,2,3
NISPT-2	300	18,16	2,3	PVC	PVC	1,2,6
SPT-3	300	18-10	2,3	PVC	-	1, 2
SVT	300	18,17,16	2,3	PVC	PVC	1,2,4
SJT	300	18-10	2-6	PVC	PVC	1,2,4
SJTO	300	18-10	2-6	PVC	PVC	1,2
SJTW, SJTOW	300	18-10	2-6	PVC	PVC	1,2,4,5
ST	600	18-2	2 or more	PVC	PVC	1,2,4
STW, STOW	600	18-2	2 or more	PVC	PVC	1,2,4,5
HPN	300	14	2	CPE	-	1,2
HPN	300	16, 18	2 or 3	CPE	-	1,2,8
S	600	18-2	2 or more	EP	CPE	1,2,7
SO	600	18-2	2 or more	EP	CPE	1,2,7
SOO	600	18-2	2 or more	EP	CPE	1,2,7
SOW	600	18-2	2 or more	EP	CPE	1,2,7
SOOW	600	18-2	2 or more	EP	CPE	1,2,7
SJ	300	18-10	2-6	EP	CPE	1,2,7
SJO	300	18-10	2-6	EP	CPE	1,2,7
SJOO	300	18-10	2-6	EP	CPE	1,2,7
HPN						

*mm² sizes also apply.

Notes:

1. In all colours except for clear and translucent.
2. Flame classification - FT2.
3. Includes two-conductor constructions in clear or translucent.
4. Optional shielding.
5. Low temperature rating: -40C.
6. Non-integral construction.
7. Flame classification - FT1.
8. HPN with 16 or 18 AWG, 3 conductor, EP ground conductor insulation.