



Built to Last

NSPEC products are manufactured to highest standards and are rigorously tested in compliance with UL and/or CSA to ensure superior quality and long service life.



Large Selection

NSPEC manufactures a wide array of electrical and electronic wire & cable. We are constantly growing our selection to meet our customers' evolving needs.



Eco Friendly

We strive for excellence. Sustainability is our way of life. We respect human rights and cultural values. We are committed to our employees' safety and well-being. We treat everyone with dignity and fairness.



In-Stock Locally

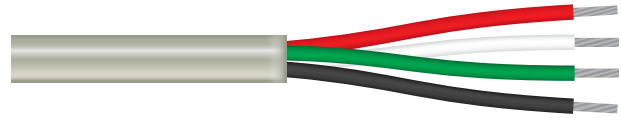
Our family is growing. We rely on the continuously expanding network of local suppliers, so our products are always close to where you are.

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MULTI-CONDUCTOR STRANDED UNSHIELDED

CSA/FT4/UL

Conductor Stranded tinned copper
Insulation 600V Colour coded semi-rigid PVC
Jacket Grey PVC
Temperature -20°C to 105°C
Approvals CSA Certified CMG/UL listed to CM harmonized standard C22.2 No. 214 and UL 444
 Certified to CSA C22.2 No. 210.2 - Type AWM
 Passes CSA/FT4 vertical flame test
 Passes UL 70,000 BTU vertical flame test
 75°C UL listed CMR (Riser) also available



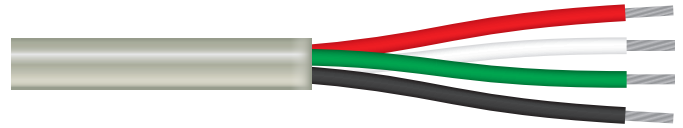
Applications For use in PA systems, unbalanced intercom systems, interconnecting cables, remote control circuits, low voltage, broadcast and studio use, temperature control systems.

Product Code	AWG Size	# of Cond.	Stranding	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Cable Weight (lbs/mft)	Colour Code
35A2202U	22	2	7/30	0.008	0.015	0.130	9	black/red
35A2203U	22	3	7/30	0.008	0.015	0.138	12	black/red/green
35A2204U	22	4	7/30	0.008	0.015	0.150	15	1
35A2206U	22	6	7/30	0.008	0.023	0.194	25	1
35A2208U	22	8	7/30	0.008	0.023	0.209	31	1
35A2210U	22	10	7/30	0.008	0.023	0.238	38	1
35A2002U	20	2	7/28	0.009	0.015	0.150	13	black/red
35A2003U	20	3	7/28	0.009	0.015	0.159	18	1
35A2004U	20	4	7/28	0.009	0.023	0.190	25	1
35A2005U	20	5	7/28	0.009	0.023	0.206	30	1
35A2007U	20	7	7/28	0.009	0.023	0.224	40	1
35A2009U	20	9	7/28	0.009	0.023	0.259	50	1
35A2012	20	12	7/28	0.009	0.023	0.281	60	1
35A2019	20	19	7/28	0.009	0.030	0.352	103	2

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MULTI-CONDUCTOR STRANDED UNSHIELDED CSA/FT4/UL

- Conductor** Stranded tinned copper
- Insulation** 600V Colour coded semi-rigid PVC
- Jacket** Grey PVC
- Temperature** -20°C to 105°C
- Approvals** CSA Certified CMG/UL listed to CM harmonized standard C22.2 No. 214 and UL 444
 Certified to CSA C22.2 No. 210.2 - Type AWM
 Passes CSA/FT4 vertical flame test
 Passes UL 70,000 BTU vertical flame test
 75°C UL listed CMR (Riser) also available



Applications For use in PA systems, unbalanced intercom systems, interconnecting cables, remote control circuits, low voltage, broadcast and studio use, temperature control systems.

Product Code	AWG Size	# of Cond.	Stranding	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Cable Weight (lbs/mft)	Colour Code
35A1802U	18	2	16/30	0.012	0.023	0.197	21	black/white
35A1803U	18	3	16/30	0.012	0.023	0.209	28	1
35A1804U	18	4	16/30	0.012	0.023	0.227	35	1
35A1805	18	5	16/30	0.012	0.023	0.248	43	1
35A1807	18	7	16/30	0.012	0.023	0.270	57	1
35A1809	18	9	16/30	0.012	0.030	0.328	76	1
35A1812	18	12	16/30	0.012	0.030	0.368	99	2
35A1815	18	15	16/30	0.012	0.030	0.397	120	2
35A1819	18	19	16/30	0.012	0.030	0.429	148	2
35A1825	18	25	16/30	0.012	0.032	0.506	194	2
35A1602U	16	2	26/30	0.015	0.023	0.235	31	black/white
35A1603U	16	3	26/30	0.015	0.023	0.250	42	1
35A1604	16	4	26/30	0.015	0.023	0.273	53	1
35A1605	16	5	26/30	0.015	0.023	0.300	65	2
35A1607	16	7	26/30	0.015	0.030	0.341	92	2
35A1612	16	12	26/30	0.015	0.030	0.448	151	2
35A1402	14	2	41/30	0.020	0.023	0.283	45	black/white
35A1404	14	4	41/30	0.020	0.030	0.345	85	1
35A1407	14	7	41/30	0.020	0.030	0.413	139	2
35A1202	12	2	65/30	0.030	0.030	0.378	76	1 or 7

DIRECT BURIAL MULTI-CONDUCTOR UNSHIELDED

- Conductor** Stranded tinned copper
- Insulation** Colour coded semi-rigid PVC
- Jacket** Black high density Polyethylene
- Temperature** -20°C to 80°C
- Applications** For direct earth burial low voltage applications on PA, signal, annunciator, speaker and sound systems.

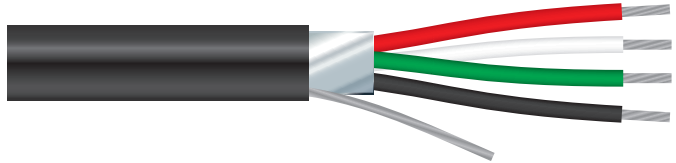


Product Code	AWG Size	# of Cond.	Stranding	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Cable Weight (lbs/mft)	Colour Code
35AE1802*	18	2	16/30	0.012	0.025	0.200	19	7

*Non-CSA

DIRECT BURIAL MULTI-CONDUCTOR FOIL SHIELD

- Conductor** Stranded tinned copper
- Insulation** Colour coded semi-rigid PVC
- Jacket** Black high density Polyethylene
- Shield** Overall aluminum/mylar shield and drain
- Applications** For direct earth burial low voltage applications on PA, signal, annunciator, speaker and sound systems.



Product Code	AWG Size	# of Cond.	Stranding	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Cable Weight (lbs/mft)	Colour Code
35AF1804*	18	4	16/30	0.012	0.025	0.236	120	1
35AF1806*	18	6	16/30	0.012	0.025	0.274	76.5	1

*Non-CSA

DIRECT BURIAL MULTI-CONDUCTOR UNSHIELDED CSA

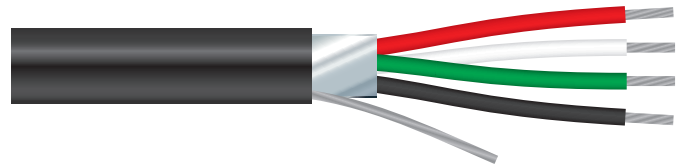
Conductor Stranded tinned copper
Insulation Colour-coded FR-XLPE
Jacket Black high density Polyethylene
Temperature -20°C to 80°C
Approvals CSA
Applications For direct earth burial low voltage applications on PA, signal, annunciator, speaker and sound systems.



Product Code	AWG Size	# of Cond.	Stranding	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Cable Weight (lbs/mft)	Colour Code
35AE1802CSA	18	2	16/30	0.012	0.045	0.296	19	7

DIRECT BURIAL MULTI-CONDUCTOR FOIL SHIELD CSA

Conductor Stranded tinned copper
Insulation Colour coded semi-rigid PVC
Jacket Black high density Polyethylene
Shield Overall aluminum/mylar shield and drain
Approvals CSA
Applications For direct earth burial low voltage applications on PA, signal, annunciator, speaker and sound systems.

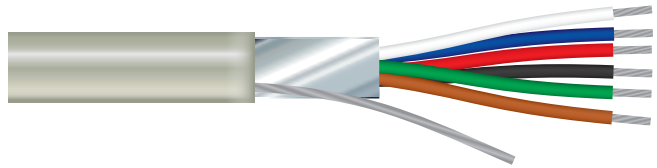


Product Code	AWG Size	# of Cond.	Stranding	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Cable Weight (lbs/mft)	Colour Code
35AF1802CSA	18	2	16/30	0.012	0.045	0.295	75	1

MULTI-CONDUCTOR STRANDED FOIL SHIELD 105°C

CSA/FT4/UL

- Conductor** Stranded tinned copper
- Insulation** 600V Colour coded semi-rigid PVC
- Jacket** Grey PVC
- Temperature** -20°C to 105°C
- Shield** Overall 100% aluminum/polyester shield with stranded tinned copper drain wire
- Approvals** CSA Certified CMG/UL listed to CM harmonized standard C22.2 No. 214 and UL 444
 Certified to CSA C22.2 No. 210.2 - Type AWM
 Passes CSA/FT4 vertical flame test
 Passes UL 70,000 BTU vertical flame test
 75°C UL listed CMR (Riser) also available



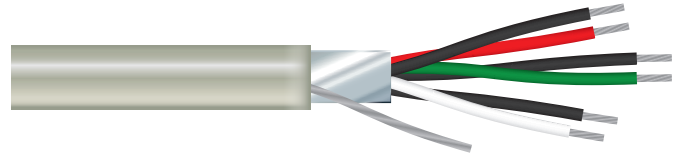
Applications For use in data transmission, recording studios, broadcast sound systems, electronic and control circuits and signal applications in computers and industrial equipment.

Product Code	AWG Size	# of Cond.	Stranding	Drain Wire AWG	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Cable Weight (lbs/mft)	Colour Code
35DA2202U	22	2	7/30	24	0.008	0.015	0.130	11	black/red
35DA2203U	22	3	7/30	24	0.008	0.015	0.138	14	7
35DA2203U-40	22	3	7/30	24	0.008	0.015	0.138	14	blue
35DA2204U	22	4	7/30	24	0.008	0.015	0.150	17	7
35DB2206U	22	6	7/30	24	0.008	0.023	0.194	26	1
35DB2208U	22	8	7/30	24	0.008	0.023	0.209	33	1
35DB2210	22	10	7/30	24	0.008	0.023	0.238	40	1
35DB2212	22	12	7/30	24	0.008	0.023	0.249	46	1
35DA2002U	20	2	7/28	24	0.009	0.015	0.150	14	black/red
35DA2002U-1	20	2	7/28	24	0.009	0.015	0.150	14	black/white
35DA2003U	20	3	7/28	24	0.009	0.015	0.159	19	7
35DA2004	20	4	7/28	24	0.009	0.023	0.190	27	7
35DB2006	20	6	7/28	24	0.009	0.023	0.224	37	1
35DA1802U	18	2	16/30	22	0.012	0.023	0.197	23	black/red
35DA1802U-1	18	2	16/30	22	0.012	0.023	0.197	23	black/white
35DA1802U-10	18	2	16/30	22	0.012	0.023	0.197	23	white
35DA1803U	18	3	16/30	22	0.012	0.023	0.209	30	7
35DA1804U	18	4	16/30	22	0.012	0.023	0.227	38	7
35DB1819	18	19	16/30	22	0.012	0.030	0.729	150	2
35DA1602U	16	2	26/30	20	0.015	0.023	0.235	34	black/red
35DA1602U-1	16	2	26/30	20	0.015	0.023	0.235	34	black/white
35DA1603U	16	3	26/30	20	0.015	0.023	0.25	45	7
35DA1604	16	4	26/30	20	0.015	0.023	0.273	57	7
35DA1402	14	2	41/30	18	0.020	0.023	0.283	50	black/red
35DA1404	14	4	41/30	18	0.020	0.030	0.345	90	7
35DA1202	12	2	65/30	16	0.030	0.030	0.391	127	1 or 7

MULTI-PAIR STRANDED FOIL SHIELD

CSA/FT4/UL

- Conductor** Stranded tinned copper
- Insulation** 600V Colour coded semi-rigid PVC
- Jacket** Grey PVC
- Temperature** -20°C to 105°C
- Shield** Overall 100% aluminum/polyester with stranded tinned copper drain wire.
- Approvals** CSA Certified CMG/UL listed to CM harmonized standard C22.2 No.214 and UL 444
 Certified to CSA standard C22.2 No. 210.2 – Type AWM
 Passes CSA/FT4 vertical flame test
 Passes UL 70,000 BTU vertical flame test



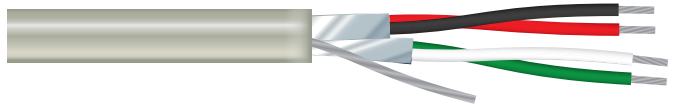
Applications For use in data transmission, control circuits and signal applications in computers and industrial equipment.

Product Code	AWG Size	# of Pairs	Strand-ing	Drain Wire Size	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Nominal Cap. (pF/ft)		Cable Weight (lbs/mft)	Colour Code
								A	B		
35F2202U	22	2	7/30	24	0.008	0.023	0.202	26	52	21	3
35F2204	22	4	7/30	24	0.008	0.023	0.236	26	52	34	3
35F2206	22	6	7/30	24	0.008	0.023	0.270	26	52	47	3
35F1802U	18	2	16/30	22	0.012	0.023	0.285	27	54	40	3
35F1803	18	3	16/30	22	0.012	0.030	0.318	27	54	58	3
35F1804	18	4	16/30	22	0.012	0.030	0.351	27	54	74	3
35F1806	18	6	16/30	22	0.012	0.030	0.402	27	54	103	3

A – Conductor to conductor **B** – 1 Conductor and other conductors connected to shield

MULTI-PAIR STRANDED EACH PAIR FOIL SHIELD MINIATURE CSA/FT4/UL

- Conductor** Stranded tinned copper
- Insulation** 600V Colour coded Polyolefin
- Jacket** Grey PVC
- Temperature** -20°C to 80°C
- Shield** Individual 100% aluminum/polyester with common stranded tinned copper drain wire
- Approvals** CSA Certified CMG or to CM harmonized standard C22.2 No.214 and UL 444
Certified to CSA standard C22.2 No. 210.2 – Type AWM
UL listed CL2 per standard UL13



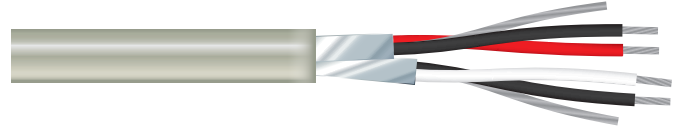
Applications For use in recording studios and broadcast sound systems. Requires up to 2/3 less space than standard broadcast cables.

Product Code	AWG Size	# of Pairs	Strand-ing	Drain Wire Size	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Nominal Cap. (pF/ft)		Cable Weight (lbs/mft)	Colour Code
								A	B		
35HB2202U	22	2	7/30	24	0.008	0.020	0.174	29	58	18	8
35HB2202U-70	22	2	7/30	24	0.008	0.020	0.174	29	58	18	orange

A – Conductor to conductor B – 1 Conductor and other conductors connected to shield

MULTI-PAIR STRANDED EACH PAIR FOIL SHIELD 105°C CSA/FT4/UL

- Conductor** Stranded tinned copper
- Insulation** 600V Colour coded semi-rigid PVC
- Jacket** Grey PVC
- Temperature** -20°C to 105°C
- Shield** Individual 100% aluminum/polyester with common stranded tinned copper drain wire for each pair.
- Approvals** CSA Certified CMG or to CM harmonized standard C22.2 No.214 and UL 444
Certified to CSA standard C22.2 No. 210.2 – Type AWM
UL listed CL2 per standard UL13

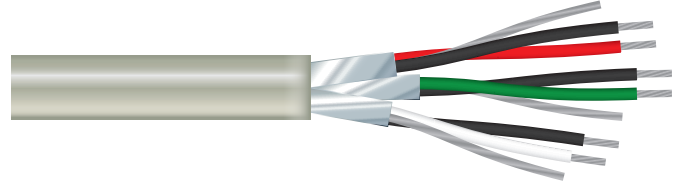


Applications For use in recording studios and broadcast sound systems. Requires up to 2/3 less space than standard broadcast cables.

Product Code	AWG Size	# of Pairs	Strand-ing	Drain Wire Size	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Nominal Cap. (pF/ft)		Cable Weight (lbs/mft)	Colour Code
								A	B		
35HD1802U	18	2	16/30	22	0.012	0.023	0.245	45	39	3	

MULTI-PAIR STRANDED EACH PAIR FOIL SHIELD LOW CAP CSA/FT4/UL

- Conductor** Stranded tinned copper
- Insulation** 300V Colour coded foam Polyethylene
- Jacket** Grey PVC
- Temperature** -20°C to 80°C
- Shield** Individual 100% aluminum/polyester with stranded tinned copper drain wire for each pair.
- Approvals** CSA Certified CMG or to CM harmonized standard C22.2 No.214 and UL 444
- Applications** For use in computer and pulse applications requiring superior circuit isolation and low dielectric constant. Excellent high frequency properties and mechanical durability. ie: EIA RS-422 & RS-232

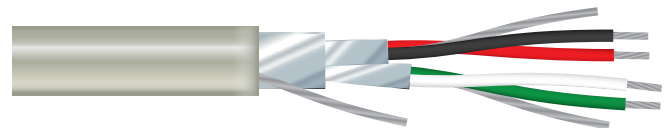


Product Code	AWG Size	# of Pairs	Strand-ing	Drain Wire Size	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Nominal Cap. (pF/ft)		Cable Weight (lbs/mft)	Colour Code
								A	B		
35HC2402U	24	2	7/32	24	0.018	0.030	0.229	12.5	25	20	3

A – Conductor to conductor B – 1 Conductor and other conductors connected to shield

MULTI-PAIR STRANDED INDIVIDUAL & OVERALL FOIL SHIELD CSA/FT4/UL

- Conductor** Stranded tinned copper
- Insulation** 600V Colour coded Polyethylene
- Jacket** Grey PVC
- Temperature** -20°C to 80°C
- Shield** Individual & overall 100% aluminum foil/polyester shield with stranded tinned copper drain wire for each pair.
- Approvals** CSA Certified CMG or to CM harmonized standard C22.2 No.214 and UL 444
Certified to CSA standard C22.2 No. 210.2 – Type AWM
UL listed CL2 per standard UL13
- Applications** For use in recording studios and broadcast sound systems. Requires up to 2/3 less space than standard broadcast cables.



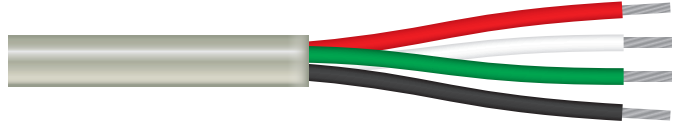
Product Code	AWG Size	# of Pairs	Strand-ing	Drain Wire Size	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Nominal Cap. (pF/ft)		Cable Weight (lbs/mft)	Colour Code
								A	B		
35I2202U	22	2	7/30	24	0.010	0.023	0.185	25	50	23	8

A – Conductor to conductor B – 1 Conductor and other conductors connected to shield

MULTI-CONDUCTOR STRANDED - PLENUM

CSA/FT6

- Conductor** Stranded tinned copper
- Insulation** 300V Colour coded flame retardant PVC
- Jacket** Grey PVC
- Temperature** 60°C
- Approvals** UL listed CMP to harmonized standard C22.2 No.214 and UL 444
Passes CSA/FT6 flame and smoke test
Passes UL 910 flame and smoke test



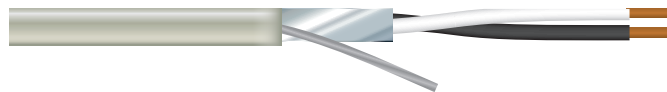
Applications PA systems, unbalanced intercom systems, interconnecting cables, remote control circuits, low voltage, broadcast and studio use, temperature control systems.

Product Code	AWG Size	# of Cond.	Stranding	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Cable Weight (lbs/mft)	Colour Code
42AA2202U	22	2	7/30	0.008	0.015	0.124	9	1
42AA2204U	22	4	7/30	0.008	0.015	0.143	16	1
42AA2206U	22	6	7/30	0.008	0.015	0.171	22	1
42AA1802U	18	2	7/26	0.008	0.015	0.160	18	1
42AA1802U-1	18	2	7/26	0.008	0.015	0.160	18	black/red
42AA1802U-10	18	2	7/26	0.008	0.015	0.160	18	white
42AA1803U	18	3	7/26	0.008	0.015	0.171	25	1
42AA1804U	18	4	7/26	0.008	0.015	0.185	32	1
42AA1805U	18	5	7/26	0.008	0.015	0.206	39	1
42AA1806U	18	6	7/26	0.008	0.015	0.225	46	1
42AA1808U	18	8	7/26	0.008	0.015	0.245	61	1
42AA1810	18	10	7/26	0.008	0.015	0.291	75	1
42AA1602U	16	2	19/29	0.012	0.015	0.190	24	1
42AA1603U	16	3	19/29	0.012	0.015	0.210	33	1
42AA1604U	16	4	19/29	0.012	0.015	0.231	43	1
42AA1402U	14	2	19/27	0.015	0.015	0.227	38	1

MULTI-PAIR FOIL SHIELD LOW CAP - PLENUM

CSA/FT6

Conductor	Annealed bare copper
Insulation	300V Colour Coded Foamed FEP Teflon
Jacket	Plenum rated Polyvinylchloride (SGPVC), Grey or Yellow
Temperature	75°C
Shields	100% aluminum/mylar tape shield with a stranded tinned copper drain wire
Approvals	UL listed as Type CL3Por CMP c(UL)us 75°C, FT6
Applications	For use in data communications and security applications.

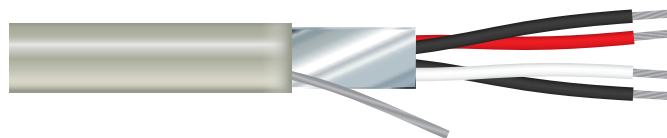


Product Code	AWG Size	# of Pairs	Strd	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Nominal Cap. pF/ft	Cable Weight (lbs/mft)	Colour Code
42HC2401	24	1	7/32	0.016	0.015	0.144	12.5	13	Black/White

MULTI-PAIR STRANDED FOIL SHIELD - PLENUM

CSA/FT6

Conductor	Stranded tinned copper
Insulation	300V PVC insulation
Jacket	Grey PVC
Temperature	60°C
Shields	Overall 100% aluminum/polyester shield with stranded tinned copper drain wire.
Approvals	UL listed CMP to harmonized standard C22.2 No.214 and UL 444 Passes CSA/FT6 flame and smoke test Passes UL 910 flame and smoke test
Applications	Low voltage applications, remote controls, computer system interface, communication and signal applications.



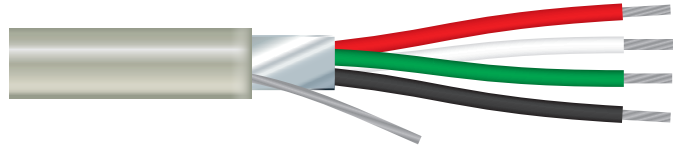
Product Code	AWG Size	# of Pairs	Strd	Drain Wire Size	Insulation Thickness (inches)	Jacket Thickness (inches)	Nom. O.D. (in.)	Nominal Cap (pF/ft)		Cable Wt (lbs/mft)	Colour Code
								A	B		
42GA2202U	22	2	7/30	24	0.008	0.015	0.193	35	68	20	3
42GA2203U	22	3	7/30	24	0.008	0.015	0.205	35	68	26	3

A – Conductor to conductor **B** – 1 Conductor and other conductors connected to shield

MULTI-CONDUCTOR STRANDED FOIL SHIELD - PLENUM

CSA/FT6

- Conductor** Stranded tinned copper
- Insulation** 300V Colour coded flame retardant PVC
- Jacket** Grey PVC
- Temperature** 60°C
- Shields** Overall 100% aluminum foil with stranded tinned copper drain wire.
- Approvals** UL listed CMP to harmonized standard C22.2 No.214 and UL 444
Passes CSA/FT6 flame and smoke test
Passes UL 910 flame and smoke test



Applications Recording studios, broadcast sound systems and electronic circuits where RF shielding is required.

Product Code	AWG Size	# of Cond.	Strd	Drain Wire Size	Insulation Thickness (inches)	Jacket Thickness (inches)	Nom. O.D. (in.)	Nominal Cap (pF/ft)		Cable Wt (lbs/mft)	Colour Code
								A	B		
42EA2202U	22	2	7/30	24	0.008	0.015	0.133	45	87	12	1
42EA2203U	22	3	7/30	24	0.008	0.015	0.140	35	68	15	1
42EA2204	22	4	7/30	24	0.008	0.015	0.152	35	68	18	1
42EA2206U	22	6	7/30	24	0.008	0.015	0.180	35	68	24	1
42EA1802U	18	2	7/26	20	0.008	0.015	0.180	55	105	22	1
42EA1802U-10	18	2	7/26	20	0.008	0.015	0.180	55	105	22	white
42EA1802U-80	18	2	7/26	20	0.008	0.015	0.180	55	105	22	purple
42EA1803U	18	3	7/26	20	0.008	0.015	0.181	40	78	29	1
42EA1804U	18	4	7/26	20	0.008	0.015	0.198	40	78	36	1
42EA1805U	18	5	7/26	20	0.008	0.015	0.216	40	78	43	1
42EA1806U	18	6	7/26	20	0.008	0.015	0.237	40	78	51	1
42EA1808	18	8	7/26	20	0.008	0.015	0.257	40	78	65	1
42EA1602U	16	2	19/29	18	0.012	0.015	0.201	55	105	31	1

NSPEC CAT 5E CMR (350MHZ)

- Description** NSPEC Cat 5E offers unbeatable value, as this fully ANSI/TIA.EIA-568-C.2-compliant cable comes at a very practical price. NSPEC Cat 5E is meter-marked for easy measuring and comes in a durable box with special features for fast and effortless installation.
- Conductor** Solid bare copper
- Insulation** High-density polyethylene (HDPE)
- Jacket** Polyvinyl chloride (PVC), RoHS-compliant CMR
- Insulation Colours**
 Pair 1: White-Blue / Blue
 Pair 2: White-Orange / Orange
 Pair 3: White-Green / Green
 Pair 4: White-Brown / Brown
- Compliance** cUL®, UL®, ETL Listed, RoHS, ANSI/TIA-568-C.2, ISO/IEC 11801
- Applications** 10BASE-T through 1000BASE-T Ethernet
 Power over Ethernet (PoE) – IEEE 802.3af
 PoE+ - IEEE 802.3at Type 1 and 2
 ATM and token ring



Product Code	AWG	Pair Count	Nom Diameter in (mm)	Nom Impedance (ohms)	Nom Velocity of Prop. (%)	Approx Weight lbs/kft (kg/km)	Jacket Colour
375EU10	24	4	0.197(5.0)	100± 15	69	19.25(28)	white
375EU40	24	4	0.197(5.0)	100± 15	69	19.25(28)	blue
375EU50	24	4	0.197(5.0)	100± 15	69	19.25(28)	yellow

NSPEC CAT 6-CMR (550MHZ)

- Description** NSPEC Cat 6 offers unbeatable value, as this fully ANSI/TIA.EIA-568-C.2-compliant cable comes at a very practical price. NSPEC Cat 6 is meter-marked for easy measuring and comes in a durable box with special features for fast and effortless installation
- Conductor** Solid bare copper
- Insulation** High-density polyethylene (HDPE)
- Jacket** Polyvinyl chloride (PVC), RoHS-compliant CMR
- Insulation Colours**
 Pair 1: White-Blue / Blue
 Pair 2: White-Orange / Orange
 Pair 3: White-Green / Green
 Pair 4: White-Brown / Brown
- Compliance**
 cUL®
 UL®
 ETL Listed
 RoHS
 ANSI/TIA-568-C.2
 ISO/IEC 11801
- Applications** 10BASE-T through 1000BASE-T Ethernet
 Power over Ethernet (PoE) – IEEE 802.3af
 PoE+ - IEEE 802.3at Type 1 and 2
 ATM and token ring



Frequency (MHz)	RL (db)	ATT (db)	NEXT (db)	DELAY (ns)	PSNEXT (db)	ELFEXT (db)	PSELFEXT (db)
1	20.0	2.03	74.3	570.00	72.3	68.0	65.0
4.0	23.0	3.78	65.3	552.00	63.3	56.0	53.0
8.0	24.5	5.32	60.8	546.73	58.7	49.9	46.9
10.0	25.0	5.95	59.3	545.38	57.3	48.0	45.0
16.0	25.0	7.55	56.2	543.00	54.2	43.9	40.9
20.0	25.0	8.47	54.8	542.05	52.8	42.0	39.0
25.0	24.3	9.51	53.3	541.20	51.3	40.0	37.0
31.25	23.6	10.67	52.0	540.44	49.9	38.1	35.1
62.5	21.5	15.38	47.4	538.55	45.4	32.1	29.1
100	20.1	19.80	44.3	537.60	42.3	28.0	25.0
200	18.0	28.98	39.8	536.54	37.8	22.0	19.0
250	17.3	32.85	38.3	536.27	36.3	20.0	17.0
*350	16.3	39.79	36.1	535.92	34.1	16.9	13.9
*550	14.9	51.76	33.2	535.5	31.2	13.0	10.0

* are the reference values

Product Code	AWG	Pair Count	Nom Diameter in (mm)	Nom Impedance (ohms)	Approx Weight lbs/ kft (kg/km)	Jacket Colour
376U10	23	4	6.1 ±0.4	100± 15	79	White
376U40	23	4	6.1 ±0.4	100± 15	79	Blue
376U50	23	4	0.197	100± 15	79	Yellow

COAXIAL CABLE

RG6/U 3GHZ



Product Code Jacket Colour	RGU #	Conductor		Insul.	Jacket & O.D.	# of Shields & Type	Nom. Imped. (ohms)	Nom. Vel. Of Prop.	Nom. Cap. pF/ft	Ap-proval Rating	Cable Weight (lbs/mft)	Nominal Attenuation	
		Size	Strand Type									mHz	Db/100 FT
35RG6U Black White	RG6U	18	Solid CCS	FPE	PVC .272	Foil & 60% AB	75	85%	16.2	CSA/FT4	33	1	0.25
												10	0.66
												50	1.41
												100	1.92
												200	2.64
												400	3.73
												700	5.05
												900	5.79
												1000	6.11
												1200	6.73
												1450	7.49
1800	8.43												
2200	9.35												
2500	9.97												
3000	10.92												

COAXIAL CABLE

(CATV/VIDEO/COMPUTER)



Product Code Jacket Colour	RGU #	Conductor		Insul.	Jacket & O.D.	# of Shields & Type	Nom. Imped. (ohms)	Nom. Vel. Of Prop.	Nom. Cap. pF/ft	Ap-proval Rating	Cable Weight (lbs/mft)	Nominal Attenuation	
		Size	Strand Type									mHz	Db/100 FT
35M593U Black White	59/U	22	Solid CCS	PE	PVC 0.240	95% BCB	75	78%	17.3	CSA/FT4	36	50	2.0
												100	3.0
												200	4.4
												500	6.9
												900	9.2
35M594U Black White	59/U	20	Solid BC	FPE	PVC 0.242	95% BCB	75	82%	16.2	CSA/FT4	36	50	2.1
												100	2.9
												200	4.1
												500	6.6
												900	8.8

SOLAR INVERTER CABLE



Conductor	10 AWG 7 Strand Bare Copper - Concentric
Bonding Conductor	12 AWG 7 Strand Bare Copper - Concentric
Insulation	XLPE RW90
Inner Jacket	0.080" / 2.03mm (min. avg) Flame Retardant Low Acid Gas Black PVC
Outer Jacket	0.043" / 1.09mm (min. avg) Flame Retardant Low Acid Gas Black PVC
Temperature	-40C to 90C Wet/90C Dry
Approvals	ROHS Compliant
Applications	Hazardous Locatons: Class I, Zone 0, Zone 1, Zone 2 Class II, Zone 20 and 21 (Div 1) & Zone 22 (Div 2)
Flame Test Rating	CSA FT4
Temperature Rating	-40c to 90c Wet/90c Dry
Copper Content	497 KG/KM 334 LBS/MFT
Max Pull Tension (Eye)	519 KG/1144 LBS
Min Bending Radius	273mm installed/10.75 inches installed
Maximum Cable Length	1225 M/4019 FT
Min Install Temperature	-10c
Specification Reference	CSA C22.2 No. 131 Type TECK90 Cablevcw CSA C22.2 No. 38 Thermoset Insulated Wires and Cables CSA C22.2 No. 174 Cables and Cable Glands for Use in Hazardous Locations

Product Code	Conductor Resistance Ohms/MFT @20C	Ripcord	Insulation Thickness (inches)	Jacket Thickness (inches)	Nominal O.D. (inches)	Cable Weight (lbs/mft)	Colour Code	Voltage
19C1010SI	1.109	Polyester	0.045	0.015	1.324	888	Black Numbered 1-5, Red Numbered 1-5	1000V

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