

UL Listed cables with TPE (Thermoplastic Elastomer) jacket, defined according to the US/Canadian market requirements. Excellent flame resistance. Suitable for drag chain applications.

Typically used for sensors (position, pressure, temperature, motion...) and optical switches in combination with M8 and M12 connectors.

Specifications

Application: Severe environment
 Installation: Drag Chain
 Halogen Free: No
 Temp. rating (flexible installation):
 -40°C/+105°C
 Voltage rating: 300V
 Bending radius (flex. install. at 20°C):
 > 10xOD
 Insulation material: PVC
 Jacket material: TPE
 Shielded: No

Approval: UL Listed PLTC
 Marking: acc. to UL/CSA
 Silicone, Pb,Cd,Hg & FCKW free: Yes
 Flame resistance:
 Excellent (FT4 & VW1/FT1 & IEC60332-3A)
 Key factor:
 Designed in accordance with North American market requirements.
 Good resistance to oil.

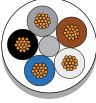
Flamar Signal & Control

155240 Sensor Cables
 Drag Chain Installation
 TPE Jacket
 Unshielded
 -40°C/+105°C 300V



Cross section		No. of Circuits	Diameter in mm	Jacket Color	Packaging	Packaging Composition	Standard Order No	Sketch
mm²	AWG							
0,34	22	3	5,1	Black	S	3x200m	155240-0001	
					M	1x800m	155240-0002	
					L	1x1500m	155240-0003	
				Grey	S	3x200m	155240-0004	
					M	1x800m	155240-0005	
					L	1x1500m	155240-0006	
		4	5,4	Yellow	S	3x200m	155240-0007	
					M	1x800m	155240-0008	
					L	1x1500m	155240-0009	
				Orange	S	3x200m	155240-0010	
					M	1x800m	155240-0011	
					L	1x1500m	155240-0012	
				Black	S	3x200m	155240-0013	
					M	1x800m	155240-0014	
					L	1x1500m	155240-0015	
				Grey	S	3x200m	155240-0016	
					M	1x800m	155240-0017	
					L	1x1500m	155240-0018	
				Yellow	S	3x200m	155240-0019	
					M	1x800m	155240-0020	
					L	1x1500m	155240-0021	
				Orange	S	3x200m	155240-0022	
					M	1x800m	155240-0023	
					L	1x1500m	155240-0024	

155240 Sensor Cables
 Drag Chain Installation
 TPE Jacket
 Unshielded
 -40°C/+105°C 300V

Cross section		No. of Circuits	Diameter in mm	Jacket Color	Packaging	Packaging Composition	Standard Order No	Sketch
mm²	AWG							
0,34	22	5	5,8	Black	S	3x100m	155240-0025	
					M	1x500m	155240-0026	
					L	1x1000m	155240-0027	
				Grey	S	3x100m	155240-0028	
					M	1x500m	155240-0029	
					L	1x1000m	155240-0030	
				Yellow	S	3x100m	155240-0031	
					M	1x500m	155240-0032	
					L	1x1000m	155240-0033	
		5	5,8	Orange	S	3x100m	155240-0034	
					M	1x500m	155240-0035	
					L	1x1000m	155240-0036	
				Black	S	3x100m	155240-0037	
					M	1x500m	155240-0038	
					L	1x1000m	155240-0039	
				Grey	S	3x100m	155240-0040	
					M	1x500m	155240-0041	
					L	1x1000m	155240-0042	
		5	5,8	Yellow	S	3x100m	155240-0043	
					M	1x500m	155240-0044	
					L	1x1000m	155240-0045	
				Orange	S	3x100m	155240-0046	
					M	1x500m	155240-0047	
					L	1x1000m	155240-0048	

Related Products

Field Attachable Connectors



120091 – Brad® Nano-Change® (M8)
Field Attachable Connectors



120071 – Brad® Micro-Change® (M12)
Field Attachable Connectors



120085 – Brad® Ultra-Lock® (M12)
Field Attachable Connectors

Overmolded Connectors



120027, 120028, 120086, 120087 –
Brad® Nano-Change® (M8) Single-Ended and
Double Ended Cordsets



120006 – Brad® Micro-Change® (M12) Single-
Ended and Double Ended Cordsets

120009 – Brad® Micro-Change® M12 Cordsets
with Knurled Hexnuts



120065, 120066 – Brad® Micro-Push® (M12)
Single-Ended and Double Ended Cordsets

UL Listed cables with TPE (Thermoplastic Elastomer) jacket, defined according to the US/Canadian market requirements. Excellent flame resistance. Suitable for drag chain applications.

The right choice for actuators (valves, slides, cylinders...) and control cabinets in combination with DIN, M16, M23 or heavy duty connectors.

Specifications

Application: Severe environment

Installation: Drag Chain

Halogen Free: No

Temp. rating (flexible installation):

-40°C/+105°C

Voltage rating: 300V

Bending radius (flex. install. at 20°C):

> 10xOD

Insulation material: PVC

Jacket material: TPE

Shielded: No

Approval: UL Listed PLTC

Marking: acc. to UL/CSA

Silicone, Pb,Cd,Hg & FCKW free: Yes

Flame resistance:

Excellent (FT4 & VW1/FT1 &

IEC60332-3A)

Key factor:

Designed in accordance with North

American market requirements.

Good resistance to oil.

Flamar Signal & Control

155240 Control Cables

Drag Chain Installation

TPE Jacket

Unshielded

-40°C/+105°C 300V



Cross Section		No. of Circuits	Diameter in mm	Jacket Color	Packaging	Packaging Composition	Standard Order No	Sketch
mm²	AWG							
0,5	21	2	5,6	Black	S	3x100m	155240-0049	
					M	1x500m	155240-0050	
					L	1x1000m	155240-0051	
				Grey	S	3x100m	155240-0052	
					M	1x500m	155240-0053	
					L	1x1000m	155240-0054	
		3	6,0	Black	S	3x100m	155240-0055	
					M	1x500m	155240-0056	
					L	1x1000m	155240-0057	
				Grey	S	3x100m	155240-0058	
					M	1x500m	155240-0059	
					L	1x1000m	155240-0060	
				Orange	S	3x100m	155240-0061	
					M	1x500m	155240-0062	
					L	1x1000m	155240-0063	
		4	6,4	Black	S	3x100m	155240-0064	
					M	1x500m	155240-0065	
					L	1x1000m	155240-0066	
				Grey	S	3x100m	155240-0067	
					M	1x500m	155240-0068	
					L	1x1000m	155240-0069	
		5	6,9	Black	S	3x100m	155240-0070	
					M	1x500m	155240-0071	
					L	1x1000m	155240-0072	
				Grey	S	3x100m	155240-0073	
					M	1x500m	155240-0074	
					L	1x1000m	155240-0075	
		12	9,0	Black	S	1x200m	155240-0076	
					M	1x500m	155240-0077	
					L	1x1000m	155240-0078	
				Grey	S	1x200m	155240-0079	
					M	1x500m	155240-0080	
					L	1x1000m	155240-0081	

155240 Control Cables
 Drag Chain Installation
 TPE Jacket
 Unshielded
 -40°C/+105°C 300V

Cross Section		No. of Circuits	Diameter in mm	Jacket Color	Packaging	Packaging Composition	Standard Order No	Sketch
mm²	AWG							
0,75	19	2	6,5	Black	S	3x100m	155240-0082	
					M	1x500m	155240-0083	
					L	1x1000m	155240-0084	
				Grey	S	3x100m	155240-0085	
					M	1x500m	155240-0086	
					L	1x1000m	155240-0087	
		3	7,0	Black	S	3x100m	155240-0088	
					M	1x500m	155240-0089	
					L	1x1000m	155240-0090	
				Grey	S	3x100m	155240-0091	
					M	1x500m	155240-0092	
					L	1x1000m	155240-0093	
		4	7,7	Black	S	3x100m	155240-0094	
					M	1x500m	155240-0095	
					L	1x1000m	155240-0096	
				Grey	S	3x100m	155240-0097	
					M	1x500m	155240-0098	
					L	1x1000m	155240-0099	
		5	8,3	Black	S	1x200m	155240-0100	
					M	1x500m	155240-0101	
					L	1x1000m	155240-0102	
				Grey	S	1x200m	155240-0103	
					M	1x500m	155240-0104	
					L	1x1000m	155240-0105	
1,00	18	2	7,5	Black	S	3x100m	155240-0106	
					M	1x500m	155240-0107	
					L	1x1000m	155240-0108	
				Grey	S	3x100m	155240-0109	
					M	1x500m	155240-0110	
					L	1x1000m	155240-0111	
		3	7,9	Black	S	3x100m	155240-0112	
					M	1x500m	155240-0113	
					L	1x1000m	155240-0114	
				Grey	S	3x100m	155240-0115	
					M	1x500m	155240-0116	
					L	1x1000m	155240-0117	
		4	8,6	Black	S	1x200m	155240-0118	
					M	1x500m	155240-0119	
					L	1x1000m	155240-0120	
				Grey	S	1x200m	155240-0121	
					M	1x500m	155240-0122	
					L	1x1000m	155240-0123	
		5	9,3	Black	S	1x200m	155240-0124	
					M	1x500m	155240-0125	
					L	1x1000m	155240-0126	
				Grey	S	1x200m	155240-0127	
					M	1x500m	155240-0128	
					L	1x1000m	155240-0129	

155240 Control Cables
 Drag Chain Installation
 TPE Jacket
 Unshielded
 -40°C/+105°C 300V

Cross Section		No. of Circuits	Diameter in mm	Jacket Color	Packaging	Packaging Composition	Standard Order No	Sketch
mm²	AWG							
1,0	18	7	11,0	Black	S	1x100m	155240-0130	
					M	1x500m	155240-0131	
					L	1x1000m	155240-0132	
				Grey	S	1x100m	155240-0133	
					M	1x500m	155240-0134	
					L	1x1000m	155240-0135	
		11	13,0	Black	S	1x100m	155240-0136	
					M	1x500m	155240-0137	
					L	1x1000m	155240-0138	
				Grey	S	1x100m	155240-0139	
					M	1x500m	155240-0140	
					L	1x1000m	155240-0141	
		12	13,0	Black	S	1x100m	155240-0142	
					M	1x500m	155240-0143	
					L	1x1000m	155240-0144	
				Grey	S	1x100m	155240-0145	
					M	1x500m	155240-0146	
					L	1x1000m	155240-0147	
		17	15,0	Black	S	1x100m	155240-0148	
					M	1x250m	155240-0149	
					L	1x500m	155240-0150	
				Grey	S	1x100m	155240-0151	
					M	1x250m	155240-0152	
					L	1x500m	155240-0153	
		25	18,0	Black	S	1x100m	155240-0154	
					M	1x250m	155240-0155	
					L	1x500m	155240-0156	
				Grey	S	1x100m	155240-0157	
					M	1x250m	155240-0158	
					L	1x500m	155240-0159	

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Cross Section		No. of Circuits	Diameter in mm	Jacket Color	Packaging	Packaging Composition	Standard Order No	Sketch
mm²	AWG							
1,5	16	2	8,0	Black	S	1x200m	155240-0160	
					M	1x500m	155240-0161	
					L	1x1000m	155240-0162	
				Grey	S	1x200m	155240-0163	
					M	1x500m	155240-0164	
					L	1x1000m	155240-0165	
		3	8,5	Black	S	1x200m	155240-0166	
					M	1x500m	155240-0167	
					L	1x1000m	155240-0168	
				Grey	S	1x200m	155240-0169	
					M	1x500m	155240-0170	
					L	1x1000m	155240-0171	
		4	9,3	Black	S	1x200m	155240-0172	
					M	1x500m	155240-0173	
					L	1x1000m	155240-0174	
				Grey	S	1x200m	155240-0175	
					M	1x500m	155240-0176	
					L	1x1000m	155240-0177	
		4	9,3	Black	S	1x200m	155240-0178	
					M	1x500m	155240-0179	
					L	1x1000m	155240-0180	
				Grey	S	1x200m	155240-0181	
					M	1x500m	155240-0182	
					L	1x1000m	155240-0183	
		5	10,0	Black	S	1x100m	155240-0184	
					M	1x500m	155240-0185	
					L	1x1000m	155240-0186	
				Grey	S	1x100m	155240-0187	
					M	1x500m	155240-0188	
					L	1x1000m	155240-0189	
		7	11,8	Black	S	1x100m	155240-0190	
					M	1x500m	155240-0191	
					L	1x1000m	155240-0192	
				Grey	S	1x100m	155240-0193	
					M	1x500m	155240-0194	
					L	1x1000m	155240-0195	

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Cross Section		No. of Circuits	Diameter in mm	Jacket Color	Packaging	Packaging Composition	Standard Order No	Sketch
mm²	AWG							
1,5	16	11	14,2	Black	S	1x100m	155240-0196	
					M	1x500m	155240-0197	
					L	1x1000m	155240-0198	
				Grey	S	1x100m	155240-0199	
					M	1x500m	155240-0200	
					L	1x1000m	155240-0201	
		12	14,2	Black	S	1x100m	155240-0202	
					M	1x500m	155240-0203	
					L	1x1000m	155240-0204	
				Grey	S	1x100m	155240-0205	
					M	1x500m	155240-0206	
					L	1x1000m	155240-0207	
		17	16,6	Black	S	1x100m	155240-0208	
					M	1x250m	155240-0209	
					L	1x500m	155240-0210	
				Grey	S	1x100m	155240-0211	
					M	1x250m	155240-0212	
					L	1x500m	155240-0213	
		25	20,0	Black	S	1x350m	155240-0214	
				Grey	S	1x350m	155240-0217	
2,5	14	2	9,8	Black	S	1x200m	155240-0220	
					M	1x500m	155240-0221	
					L	1x1000m	155240-0222	
				Grey	S	1x200m	155240-0223	
					M	1x500m	155240-0224	
					L	1x1000m	155240-0225	
		3	10,5	Black	S	1x100m	155240-0226	
					M	1x500m	155240-0227	
					L	1x1000m	155240-0228	
				Grey	S	1x100m	155240-0229	
					M	1x500m	155240-0230	
					L	1x1000m	155240-0231	
		4	11,6	Black	S	1x100m	155240-0232	
					M	1x500m	155240-0233	
					L	1x1000m	155240-0234	
				Grey	S	1x100m	155240-0235	
					M	1x500m	155240-0236	
					L	1x1000m	155240-0237	
		5	12,6	Black	S	1x100m	155240-0238	
					M	1x500m	155240-0239	
					L	1x1000m	155240-0240	
				Grey	S	1x100m	155240-0241	
					M	1x500m	155240-0242	
					L	1x1000m	155240-0243	

155240 Control Cables
 Drag Chain Installation
 TPE Jacket
 Unshielded
 -40°C/+105°C 300V

Cross Section		No. of Circuits	Diameter in mm	Jacket Color	Packaging	Packaging Composition	Standard Order No	Sketch
mm²	AWG							
2,5	14	7	15,2	Black	S	1x100m	155240-0244	
					M	1x250m	155240-0245	
					L	1x500m	155240-0246	
				Grey	S	1x100m	155240-0247	
					M	1x250m	155240-0248	
					L	1x500m	155240-0249	
		11	18,4	Black	S	1x100m	155240-0250	
					M	1x250m	155240-0251	
					L	1x500m	155240-0252	
				Grey	S	1x100m	155240-0253	
					M	1x250m	155240-0254	
					L	1x500m	155240-0255	
		12	18,4	Black	S	1x100m	155240-0256	
					M	1x250m	155240-0257	
					L	1x500m	155240-0258	
				Grey	S	1x100m	155240-0259	
					M	1x250m	155240-0260	
					L	1x500m	155240-0261	
		17	21,4	Black	S	1x350m	155240-0262	
				Grey	S	1x350m	155240-0265	
		25	25,6	Black	S	1x250m	155240-0268	
				Grey	S	1x250m	155240-0271	

Related Products

Field Attachable Connectors



121201, 121207 – Brad® mPm® DIN Valve Connectors, Form A, External Thread

121202, 121208 – Brad® mPm® DIN Valve Connector, Form B - Industrial, External Thread

121205, 121211 – Brad® mPm® DIN Valve Connector, Form C - Industrial, External Thread



120071 – Brad® Micro-Change® (M12) Field Attachable Connectors

Field Attachable Connectors



120085 – Brad® Ultra-Lock® (M12) Field Attachable Connectors



93601 - GWconnect® Heavy Duty Connectors

Overmolded Connectors



120094 – Brad® M23 Single-Ended Cordsets

UL Listed cables with TPE (Thermoplastic Elastomer) jacket, defined according to the US/Canadian market requirements. Excellent flame resistance. Suitable for drag chain applications.

Shielded cable for sensors (position, pressure, temperature, motion...) and optical switches in combination with M8 and M12 connectors.

Specifications

Application: Severe environment
 Installation: Drag Chain
 Halogen Free: No
 Temp. rating (flexible installation):
 -40°C/+105°C
 Voltage rating: 300V
 Bending radius (flex. install. at 20°C):
 > 10xOD
 Insulation material: PVC
 Jacket material: TPE
 Shielded: Yes

Approval: UL Listed PLTC
 Marking: acc. to UL/CSA
 Silicone, Pb,Cd,Hg & FCKW free: Yes
 Flame resistance:
 Excellent (FT4 & VW1/FT1 & IEC60332-3A)
 Key factor:
 Designed in accordance with North American market requirements.
 Good resistance to oil.

Flamar Signal & Control

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 Drag Chain Installation
 TPE Jacket
 Shielded
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Cross section		No. of Circuits	Diameter in mm	Jacket Color	Packaging	Packaging Composition	Standard Order No	Sketch
mm²	AWG							
0,34	22	3	5,7	Black	S	3x100m	155241-0001	
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					L	1x1000m	155241-0003	
				Grey	S	3x100m	155241-0004	
					M	1x500m	155241-0005	
					L	1x1000m	155241-0006	
				Yellow	S	3x100m	155241-0007	
					M	1x500m	155241-0008	
					L	1x1000m	155241-0009	
				Orange	S	3x100m	155241-0010	
					M	1x500m	155241-0011	
					L	1x1000m	155241-0012	
		4	6,0	Black	S	3x100m	155241-0013	
					M	1x500m	155241-0014	
					L	1x1000m	155241-0015	
				Grey	S	3x100m	155241-0016	
					M	1x500m	155241-0017	
					L	1x1000m	155241-0018	
				Yellow	S	3x100m	155241-0019	
					M	1x500m	155241-0020	
					L	1x1000m	155241-0021	
				Orange	S	3x100m	155241-0022	
					M	1x500m	155241-0023	
					L	1x1000m	155241-0024	
		5	6,4	Black	S	3x100m	155241-0025	
					M	1x500m	155241-0026	
					L	1x1000m	155241-0027	
				Grey	S	3x100m	155241-0028	
					M	1x500m	155241-0029	
					L	1x1000m	155241-0030	
				Yellow	S	3x100m	155241-0031	
					M	1x500m	155241-0032	
					L	1x1000m	155241-0033	
				Orange	S	3x100m	155241-0034	
					M	1x500m	155241-0035	
					L	1x1000m	155241-0036	

155241 Sensor Cables
 Drag Chain Installation
 TPE Jacket
 Shielded
 -40°C/+105°C 300V

Cross section		No. of Circuits	Diameter in mm	Jacket Color	Packaging	Packaging Composition	Standard Order No	Sketch
mm²	AWG							
0,34	22	5	6,4	Black	S	3x100m	155241-0037	
					M	1x500m	155241-0038	
					L	1x1000m	155241-0039	
				Grey	S	3x100m	155241-0040	
					M	1x500m	155241-0041	
					L	1x1000m	155241-0042	
				Yellow	S	3x100m	155241-0043	
					M	1x500m	155241-0044	
					L	1x1000m	155241-0045	
				Orange	S	3x100m	155241-0046	
					M	1x500m	155241-0047	
					L	1x1000m	155241-0048	

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Cordsets with Knurled Hexnuts



120065, 120066 – Brad® Micro-Push® (M12)
Single-Ended and Double Ended Cordsets