

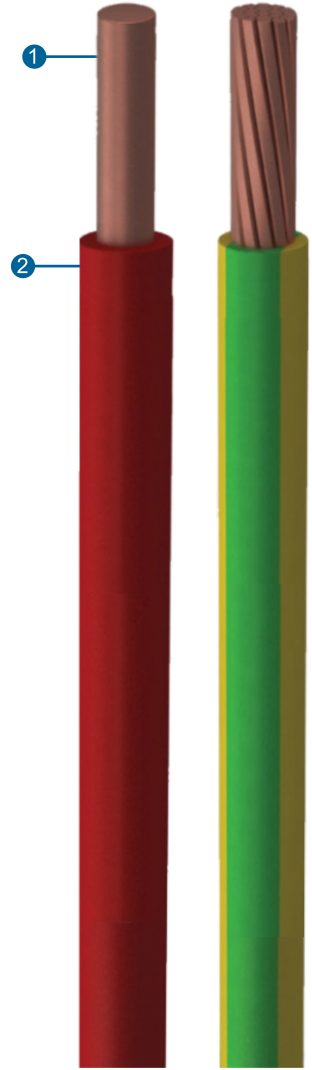
القضاب الاردنية  
ALHEDAB



منتجاتنا مصنعة وفقاً للمواصفات القياسية الاردنية



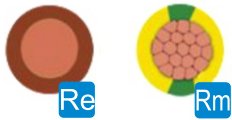
H05V-U  
H07V-U  
H07V-R



TECHNICAL DATE	
Permissible operating temperature	70 °C
Short circuit temperature	160 °C
Test Voltage (AC)	2 - 2.5 kV
Installation temperature minimum	5 °C
Minimum Bending Radius	12xD

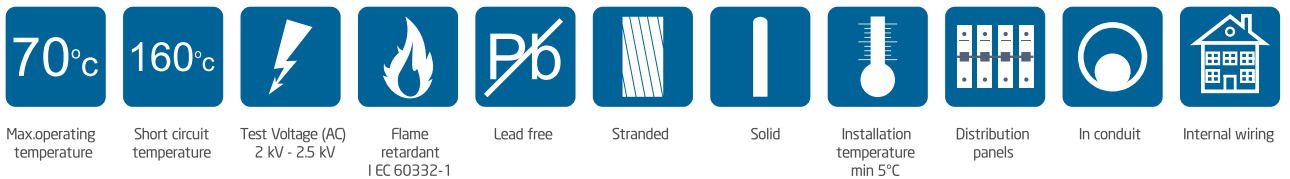
It is used as surface mounted or flush mounted in stationary plants, dry places, distribution boards and closed spaces, factories, work shops and any kind of workplaces.

- 1) Solid or Stranded Copper
- 2) PVC Insulation



Re : Solid Single Round Conductor  
Rm : Multi Wire Round Conductor

STANDARD





## H05V

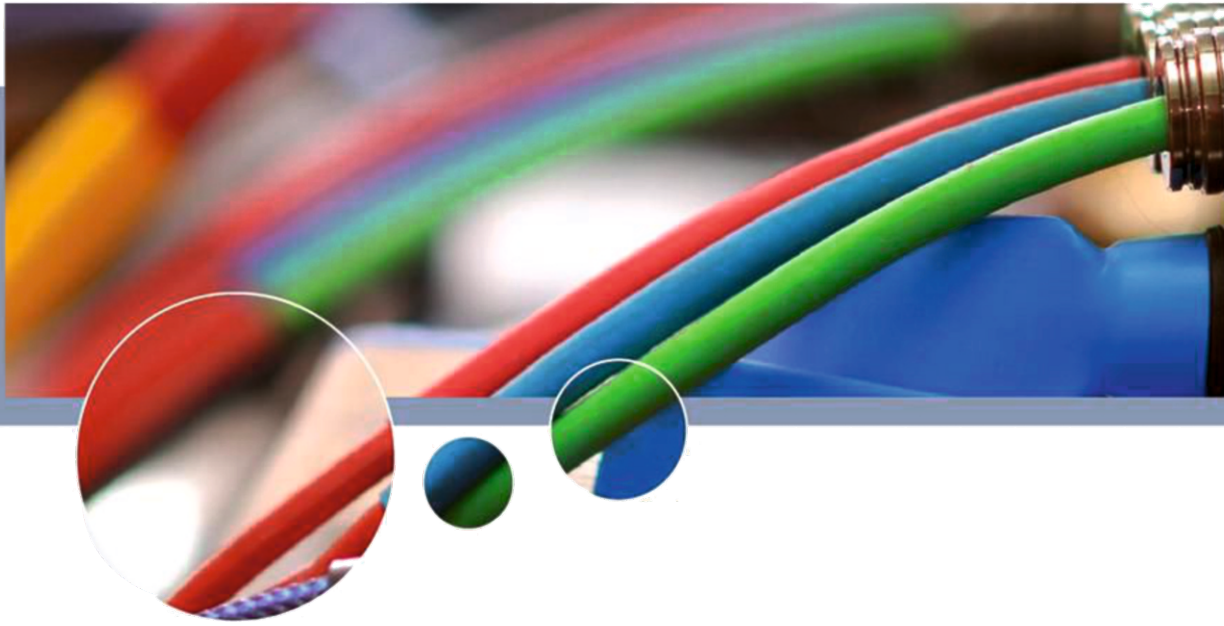
Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in air	Conductor DC Resistance at 20°C	net weight (Approx)	Delivery Length	Packing
mm <sup>2</sup>	mm	A	ohm / km	kg / km	m	C: Coil R: Reel
0.5	2	9	36	8.25	100	C 100
0.75	2.15	15	24.5	10.65	100	C 100
1	2.3	19	18.1	13.26	100	C 100

## H07V-U

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in air	Conductor DC Resistance at 20°C	net weight (Approx)	Delivery Length	Packing
mm <sup>2</sup>	mm	A	ohm / km	kg / km	m	C: Coil R: Reel
1.5	2.75	24	12.1	19.45	100	C 100
2.5	3.35	32	7.41	30.45	100	C 100
4	3.8	42	4.61	44.65	100	C 100
6	4.3	54	3.08	63.2	100	C 100
10	5.45	73	1.83	104.7	100	C 100

## H07V-R

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in air	Conductor DC Resistance at 20°C	net weight (Approx)	Delivery Length	Packing
mm <sup>2</sup>	mm	A	ohm / km	kg / km	m	C: Coil R: Reel
1.5	2.95	24	12.1	20.3	100	C 100
2.5	3.6	32	7.41	32.1	100	C 100
4	4.1	42	4.61	46.45	100	C 100
6	4.65	54	3.08	64.9	100	C 100
10	5.9	73	1.83	109.1	100	C 100
16	6.85	98	1.15	163.5	100	C 100
25	8.45	129	0.727	253.9	100	C 100
35	9.55	158	0.524	343.1	1000	R 700
50	11.2	197	0.387	463.8	1000	R 800
70	12.9	245	0.268	660.6	1000	R 800
95	15.1	290	0.193	912.9	1000	R 1000
120	16.25	345	0.153	1132	1000	R 1000
150	18.2	390	0.124	1400	1000	R 1100
185	20.65	445	0.0991	1771	1000	R 1200
240	23.45	525	0.0754	2315	1000	R 1300
300	26.5	605	0.0601	2858	1000	R 1400



#### H05V-K

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in air	Conductor DC Resistance at 20°C	net weight (Approx)	Delivery Length	Packing
mm <sup>2</sup>	mm	A	ohm / km	kg / km	m	C: Coil R: Reel
0.5	2.1	11	39	8.36	100	C 100
0.75	2.3	16	26	10.98	100	C 100
1	2.5	20	19.5	13.7	100	C 100

#### H07V-K

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in air	Conductor DC Resistance at 20°C	net weight (Approx)	Delivery Length	Packing
mm <sup>2</sup>	mm	A	ohm / km	kg / km	m	C: Coil R: Reel
1.5	2.95	24	13.3	20	100	C 100
2.5	3.55	32	7.98	30	100	C 100
4	4.1	42	4.95	44	100	C 100
6	4.6	54	3.3	62	100	C 100
10	6.1	73	1.91	107	100	C 100
16	7.1	98	1.21	160	100	C 100
25	8.7	129	0.78	246	1000	R 700
35	10.4	158	0.554	344	1000	R 700
50	12.15	198	0.386	485	1000	R 800
70	14.5	245	0.272	668	1000	R 800
95	16.65	292	0.206	881	500	R 800
120	18.55	344	0.161	1126	500	R 900
150	20.6	391	0.129	1399	500	R 1000
185	22.8	448	0.106	1708	500	R 1000
240	26.1	528	0.0801	2283	250	R 900
300	28.6	620	0.0641	2811	250	R 1000



— NYM  
— NVV



TECHNICAL DATE	
Permissible operating temperature	70 °C
Short circuit temperature	160 °C
Test Voltage (AC)	2 - 2.5 kV
Installation temperature minimum	5 °C
Minimum Bending Radius	12xD

It is used as surface mounted or flush mounted in stationary plants, dry places, distribution boards and closed spaces, factories, work shops and any kind of workplaces.

- 1) Solid or Stranded Copper
- 2) PVC Insulation
- 3) PE Filler
- 4) PVC Sheath



Re : Single Round Conductor

Rm : Multi Wire Round Conductor

**STANDARD**  
TS 9759  
VDE 0250-204



Max. operating temperature



Short circuit temperature



Test Voltage (AC)  
2 kV - 2.5 kV



Flame retardant  
I EC 60332-1



Lead free



Stranded



Solid



Installation temperature  
min 5°C



Distribution panels



In conduit



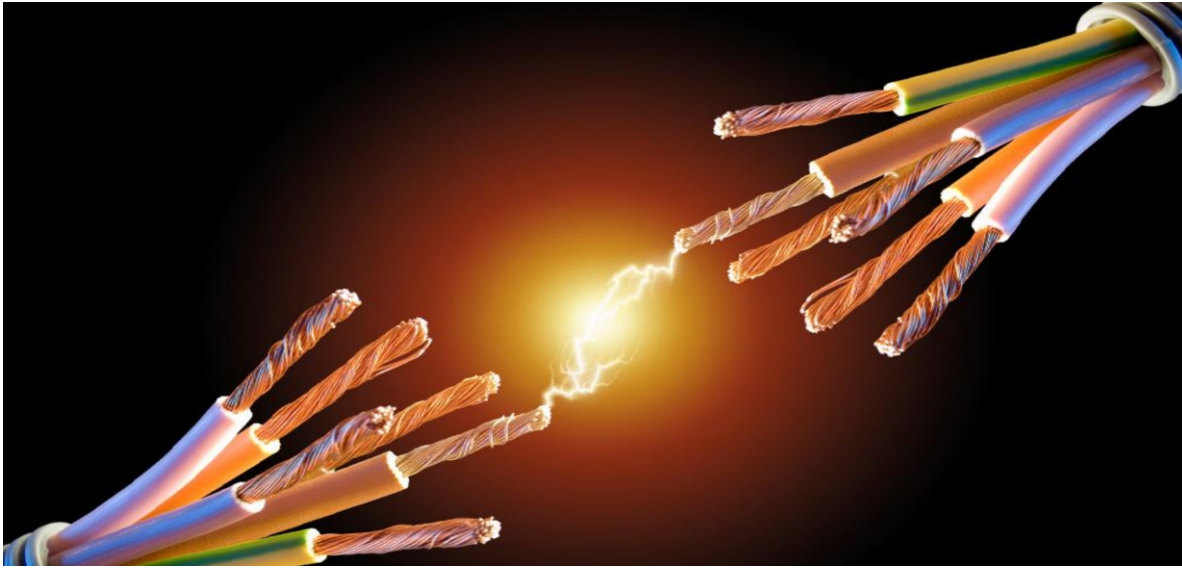
In conduit



In free air



Internal wiring



## NYM-NVV

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in air	Conductor DC Resistance at 20°C	net weight (Approx)	Delivery Length	Packing
mm <sup>2</sup>	mm	A	ohm / km	kg / km	m	C: Coil R: Reel
2x1.5	8.8	22	12.10	115	100	C 100
2x2.5	10.0	30	7.41	156	100	C 100
2x4	10.8	40	4.61	198	100	C 100
2x6	11.8	51	3.08	253	100	C 100
2x10	15.85	70	1.83	444	1000	R 1000
2x16	17.75	94	1.15	603	1000	R 1100
3x1.5	9.25	22	12.10	135	100	C 100
3x2.5	10.55	30	7.41	186	100	C 100
3x4	11.45	40	4.61	241	100	C 100
3x6	12.90	51	3.08	324	100	C 100
3x10	16.80	70	1.83	545	1000	R 1000
3x16	19.25	94	1.15	773	1000	R 1100
4x1.5	10.05	18.5	12.10	160	100	C 100
4x2.5	11.45	25	7.41	223	100	C 100
4x4	12.75	34	4.61	301	100	C 100
4x6	14.30	43	3.08	407	100	C 100
4x10	18.35	60	1.83	668	1000	R 1100
4x16	21.05	80	1.15	954	1000	R 1200
5x1.5	10.80	17.5	12.10	191	100	C 100
5x2.5	12.45	24	7.41	268	100	C 100
5x4	14.30	32	4.61	380	100	C 100
5x6	15.75	41	3.08	501	100	C 100
5x10	19.98	57	1.83	813	1000	R 1200
5x16	23.35	76	1.15	1186	1000	R 1300

H03VV-F

H05VV-F



TECHNICAL DATE	
Permissible operating temperature	70 °C
Short circuit temperature	160 °C
Test Voltage (AC)	2 - 2.5 kV
Installation temperature minimum	5 °C
Minimum Bending Radius	12xD

It is used as surface mounted or flush mounted in stationary plants, dry places, distribution boards and closed spaces, factories, work shops and any kind of workplaces.

- 1) Fine and Multiple Wired Flexible Copper  
Fine and Multiple Wired Flexible Copper
- 2) PVC Insulation  
PVC Insulation
- 3) PVC Sheath  
PVC Sheath



F : Fine Wired Flexible Copper

**STANDARD**  
TS EN 50525-2-11



Max.operating temperature



Short circuit temperature



Test Voltage (AC)  
2 kV - 2.5 kV



Flame retardant  
IEC 60332-1



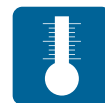
Lead free



Flexible



In free air



Installation temperature  
min 5°C



Distribution panels



In conduit



Internal wiring



## H03VV-F

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in air	Conductor DC Resistance at 20°C	net weight (Approx)	Delivery Length	Packing
mm <sup>2</sup>	mm		ohm / km	kg / km	m	C: Coil R: Reel
2x0.50	5.40	8	39	40.68	100	C 100
3x0.50	5.75	8	39	48.25	100	C 100
4x0.50	6.30	8	39	59.15	100	C 100

## H05VV-F

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in air	Conductor DC Resistance at 20°C	net weight (Approx)	Delivery Length	Packing
mm <sup>2</sup>	mm	A	ohm / km	kg / km	m	C: Coil R: Reel
2x0.75	6.20	12	26.00	54.80	100	C 100
2x1	6.60	16	19.50	64.00	100	C 100
2x1.5	7.50	20	13.30	84.80	100	C 100
2x2.5	9.10	25	7.98	129.00	100	C 100
2x4	10.30	34	4.95	175.00	100	C 100
3G0.75	6.60	8	26.00	65.05	100	C 100
3G1	6.90	12	19.50	75.10	100	C 100
3G1.5	8.20	16	13.30	106.50	100	C 100
3G2.5	9.90	25	7.98	160.95	100	C 100
3G4	10.95	34	4.95	215.20	100	C 100
4G0.75	7.20	12	26.00	79.50	100	C 100
4G1	7.85	16	19.50	97.90	100	C 100
4G1.5	9.15	20	13.30	135.40	100	C 100
4G2.5	10.80	25	7.98	198.82	100	C 100
4G4	12.20	34	4.95	274.00	100	C 100
5G0.75	8.00	12	26.00	99.32	100	C 100
5G1	8.55	16	19.50	117.77	100	C 100
5G1.5	10.00	20	13.30	164.75	100	C 100
5G2.5	12.00	25	7.98	246.27	100	C 100
5G4	13.75	34	4.95	345.53	100	C 100

# YASSI NYM

## FLAT NYM

### IC 227 F



TECHNICAL DATE	
Permissible operating temperature	70 °C
Short circuit temperature	160 °C
Test Voltage (AC)	2 - 2.5 kV
Installation temperature minimum	5 °C
Minimum Bending Radius	12xD

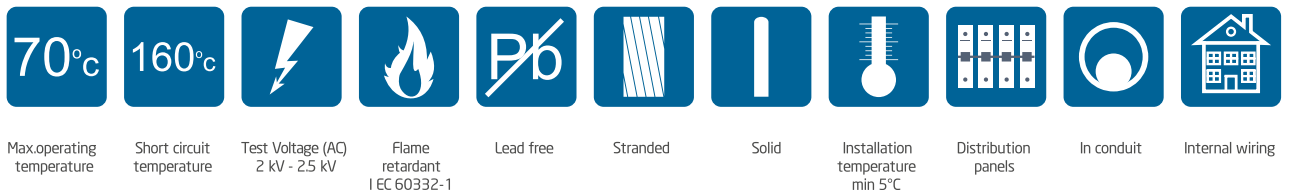
It is used as surface mounted or flush mounted in stationary plants, dry places, distribution boards and closed spaces, factories, work shops and any kind of workplaces.

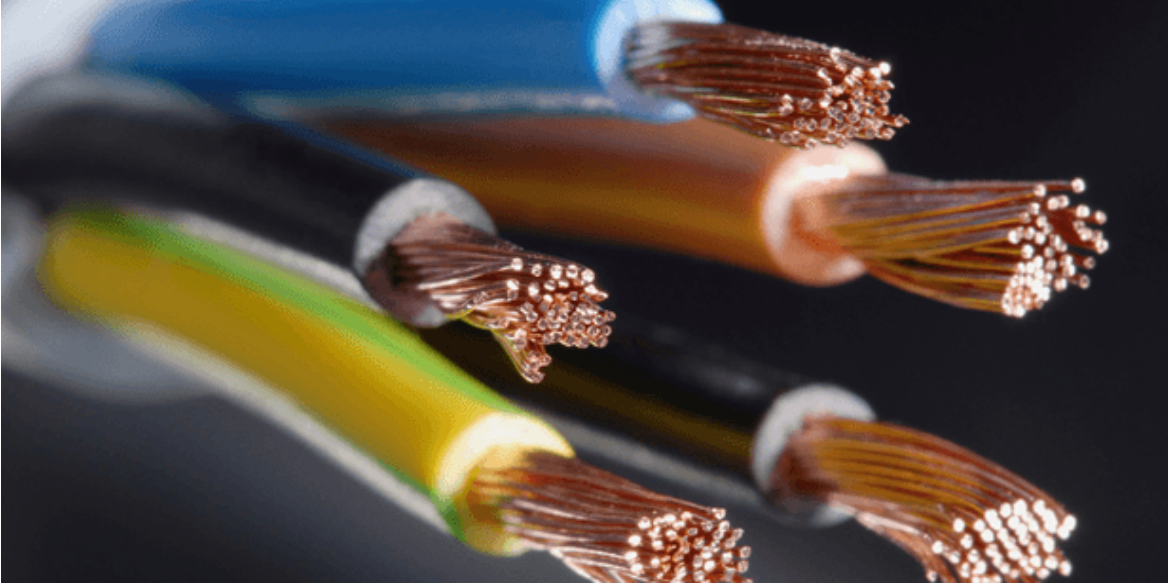
- 1) Solid or Stranded Copper
- 2) PVC Insulation
- 3) PVC Sheath



Re : Solid Single Round Conductor

**STANDARD**  
BS 6004:2012





## YASSI NYM / FLAT NYM / IC 227 F

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in air	Conductor DC Resistance at 20°C	net weight (Approx)	Delivery Length	Packing
mm <sup>2</sup>	mm	A	ohm / km	kg / km	m	C: Coil R: Reel
2X1	4.10X6.40	13	18.10	60.0	100	C 100
2X1.5	4.55X7.30	16	12.10	84.0	100	C 100
2X2.5	5.35X8.70	23	7.41	118.0	100	C 100
2X4	5.8X9.60	30	4.61	155.0	100	C 100
2X6	6.5X10.80	39	3.08	215.0	100	C 100
2X10	8.40x14.40	53	1.83	328.0	1000	C 100
2X16	9.30x16.00	70	1.15	477.0	1000	C 100
3G1	4.10X8.70	11	18.10	83.0	100	C 100
3G1.5	4.55X10.05	15	12.10	118.0	100	C 100
3G2.5	5.35X12.05	20	7.41	170.0	100	C 100
3G4	6.00X13.60	27	4.61	235.0	100	C 100
3G6	6.50X15.10	34	3.08	310.0	100	C 100
3G10	8.40x20.40	46	1.83	475.0	1000	R 900
3G16	9.65x23.75	62	1.15	693.0	1000	R 1000



— YASSI TTR  
— FLAT TTR  
— IEC 227 F



TECHNICAL DATE	
Permissible operating temperature	70 °C
Short circuit temperature	160 °C
Test Voltage (AC)	2 - 2.5 kV
Installation temperature minimum	5 °C
Minimum Bending Radius	12xD

It is used as surface mounted or flush mounted in stationary plants, dry places, distribution boards and closed spaces, factories, work shops and any kind of workplaces.

1) Fine and Multiple Wired Flexible Copper

2) PVC Insulation

3) PVC Sheath



K : Fine Wired Flexible Copper

**STANDARD**  
TS IEC 60227-6



Max. operating temperature



Short circuit temperature



Test Voltage (AC)

2 kV - 2.5 kV



Flame retardant  
IEC 60332-1



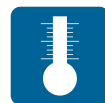
Lead free



Flexible



In free air



Installation temperature  
min 5°C



Distribution panels



In conduit



Internal wiring



### YASSI TTR / FLAT TTR / IEC 227 F

Rated Cross-section mm <sup>2</sup>	Overall Diameter of Cable (Approx) mm	Current Carrying Capacity in air A	Conductor DC Resistance at 20°C ohm / km	net weight (Approx) kg / km	Delivery Length m	Packing C: Coil R: Reel
2X0.50	4.00X7.00	6	39.00	29	100	C 100
2X0.75	4.30X7.60	13	26.00	40	100	C 100
2X1	4.50X8.00	16	19.50	60	100	C 100
2X1.5	5.00X9.00	20	13.30	86	100	C 100
2X2.5	5.60X10.80	26	7.98	115	100	C 100
2X4	6.10X11.80	33	4.95	150	100	C 100
2X6	7.10X13.00	48	3.30	200	100	C 100
3G0.75	4.30X9.90	13	26.00	60	100	C 100
3G1	4.50X10.50	16	19.50	75	100	C 100
3G1.5	5.00X12.00	20	13.30	105	100	C 100
3G2.5	5.60X14.40	26	7.98	150	100	C 100
3G4	6.10X15.90	33	4.95	220	100	C 100
3G6	6.80X17.40	48	3.30	281	100	C 100
3G10	8.90X21.90	66	1.91	485	1000	R 900
3G16	10.10X25.30	89	1.21	660	1000	R 1000
4G0.75	4.30X12.20	13	26.00	81	100	C 100
4G1	4.50X13.00	16	19.50	100	100	C 100
4G1.5	5.00X15.00	20	13.30	150	100	C 100
4G2.5	5.90X18.90	26	7.98	215	100	C 100
4G4	6.40X21.00	33	4.95	295	100	C 100
4G6	6.80X23.00	48	3.30	395	100	C 100
4G10	8.90X28.50	66	1.91	625	1000	R 1000
4G16	10.2X33.50	89	1.21	960	1000	R 1100

— NYY  
— YVV



TECHNICAL DATE	
Permissible operating temperature	70 °C
Short circuit temperature	160 °C
Test Voltage (AC)	2 - 2.5 kV
Installation temperature minimum	5 °C
Minimum Bending Radius	12xD

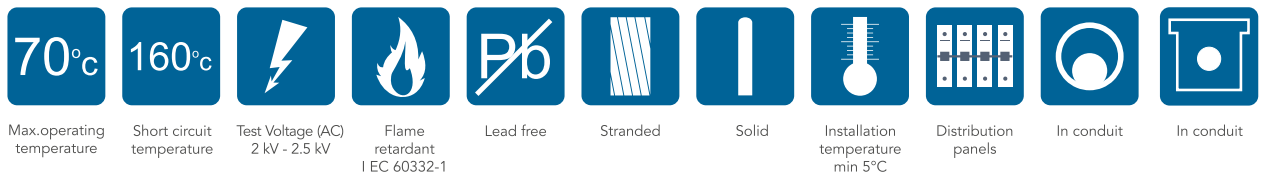
It is used as surface mounted or flush mounted in stationary plants, dry places, distribution boards and closed spaces, factories, work shops and any kind of workplaces.

- 1) Solid or Stranded Copper
- 2) PVC Insulation
- 3) PE Filler
- 4) PVC Sheath



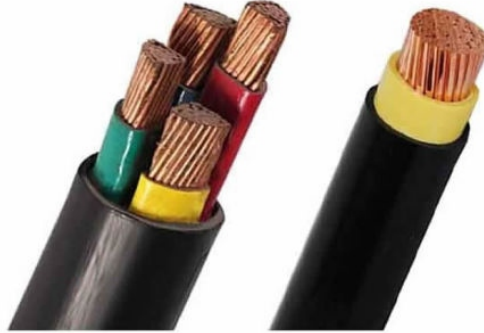
Re : Solid Single Round Conductor  
Rm : Multi Wire Round Conductor

**STANDARD**  
TS IEC 60502-1



# كابلات الضغط الوطني ( مكحول / شعري )

NY-YVV



Rated Cross-section mm <sup>2</sup>	Overall Diameter of Cable (Approx) mm	Current Carrying Capacity in		Conductor DC Resistance at 20°C ohm / km	net weight (Approx) kg / km	Delivery Length m	Packing C: Coil R: Reel
		air A	Ground A				
1 X 4 re	6.7	37	50	4.61	100	100	C 100
1 X 6 re	7.3	47	62	3.08	125	100	C 100
1 X 10 rm	8.1	64	83	1.83	145	1000	R 600
1 X 16 rm	9.1	84	107	1.15	206	1000	R 700
1 X 25 rm	10.8	114	138	0.727	307	1000	R 800
1 X 35 rm	12.00	139	164	0.524	405	1000	R 800
1 X 50 rm	13.40	169	195	0.387	527	1000	R 900
1 X 70 rm	15.4	213	238	0.268	744	1000	R 1000
1 X 95 rm	17.8	264	286	0.198	1017	1000	R 1000
1 X 120 rm	19.2	307	325	0.153	1255	1000	R 1100
1 X 150 rm	21.2	352	365	0.124	1539	1000	R 1200
1 X 185 rm	23.9	406	413	0.0991	1941	1000	R 1300
1 X 240 rm	26.9	483	479	0.0754	2519	1000	R 1500
1 X 300 rm	29.7	557	541	0.0601	3069	1000	R 1500
2 X 1.5 re	9.9	19.5	27	12.1	141	100	C 100
2 X 2.5 re	10.7	25	36	7.41	175	100	C 100
2 X 4 re	12.4	34	47	4.61	245	100	C 100
2 X 6 re	13.4	43	59	3.08	304	100	C 100
2 X 10 rm	16	59	79	1.83	453	1000	R 1000
2 X 16 rm	18	79	102	1.15	618	1000	R 1100
2 X 25 rm	20.9	106	133	0.727	882	1000	R 1200
2 X 35 rm	23.00	129	159	0.524	1250	1000	R 1300
3 X 1.5 re	10.3	19.5	27	12.1	160	100	C 100
3 X 2.5 re	11.2	25	36	7.41	204	100	C 100
3 X 4 re	13	34	47	4.61	288	100	C 100
3 X 6 re	14.1	43	59	3.08	366	100	C 100
3 x 10 rm	16.70	59	79	1.83	541	1000	R 1000
3 x 16 rm	18.80	79	102	1.15	751	1000	R 1200
3 x 25 rm	22.20	106	133	0.727	1103	1000	R 1200
3 x 35 rm	25.6	129	159	0.524	1499	1000	R 1400
3 x 50 rm	29	157	188	0.387	1964	1000	R 1500
3 x 70 rm	33.20	199	232	0.268	2725	1000	R 1600
3 x 95 rm	38.80	246	280	0.198	3753	1000	R 1800
3 x 120 rm	41.90	285	318	0.153	4585	1000	R 1800
3 x 150 rm	46.40	326	359	0.124	5631	500	R 1600
3 x 185 rm	52	374	406	0.0991	7071	500	R 1700
3 x 240 rm	58.9	445	473	0.0754	9189	500	R 1800
3 x 300 rm	65.8	511	535	0.0601	11326	250	R 1600

## كابلات الضغط المتوسط ( مكذول / شعري )



### NY-YV

Rated Cross-section	Overall Diameter of Cable (Approx)	Current Carrying Capacity in		Conductor DC Resistance at 20°C	net weight (Approx)	Delivery Length	Packing
		air	Ground				
mm <sup>2</sup>	mm	A	A	ohm / km	kg / km	m	C: Coil R: Reel
4X1.5 re	11.1	19.5	27	12.10	189	100	C 100
4X2.5 re	12.1	25	36	7.41	243	100	C 100
4X4 re	14.1	34	47	4.61	347	100	C 100
4X6 re	15.4	43	59	3.08	447	100	C 100
4X10 rm	19.60	59	79	1.83	730	1000	R 1200
4X16 rm	21.20	79	102	1.15	968	1000	R 1300
4X25 rm	25.40	106	133	0.727	1445	1000	R 1500
4X35 rm	28.20	129	159	0.524	1882	1000	R 1600
4X50 rm	32.50	157	188	0.387	2517	1000	R 1700
4X70 rm	36.90	199	232	0.268	3465	500	R 1500
4X95 rm	42.60	246	280	0.198	4716	500	R 1600
4X120 rm	46.50	285	318	0.153	5838	500	R 1800
4X150 rm	51.40	326	359	0.124	7155	250	R 1500
4X185 rm	57.80	374	406	0.0991	9009	250	R 1600
4X240 rm	65.50	445	473	0.0754	11718	250	R 1700
5X1.5 re	12.9	19.5	27	12.10	249	1000	R 800
5X2.5 re	14	25	36	7.41	317	1000	R 900
5X4 re	16.3	34	47	4.61	449	1000	R 1000
5X6 re	17.7	43	59	3.08	572	1000	R 1100
5X10 rm	20.9	59	79	1.83	846	1000	R 1200
5X16 rm	23.5	79	102	1.15	1178	1000	R 1300
5X25 rm	28.40	106	133	0.727	1773	1000	R 1500
5X35 rm	31.80	129	159	0.524	2333	1000	R 1600
5X50 rm	35.80	157	188	0.387	3040	1000	R 1700
5X70 rm	41.30	199	232	0.268	4260	500	R 1600
5X95 rm	47.70	246	280	0.198	5798	500	R 1700
5X120 rm	51.40	285	318	0.153	7093	250	R 1500
5X150 rm	56.90	326	359	0.124	8703	250	R 1600
5X185 rm	64.20	374	406	0.0991	10989	250	R 1800
5X240 rm	72.40	445	473	0.0754	14230	250	R 1800
3X16+10 rm	21.00	79	102	1.15/1.83	910	1000	R 1200
3X25+16 rm	24.50	106	133	0.727/1.15	1323	1000	R 1300
3X35+16 rm	26.50	129	159	0.524/1.15	1640	1000	R 1400
3X50+25 rm	30.70	157	188	0.387/0.727	2234	1000	R 1500
3X70+35 rm	34.70	199	232	0.268/0.524	3056	1000	R 1600
3X95+50 rm	40.10	246	280	0.193/0.387	4163	500	R 1500
3X120+70 rm	43.80	285	318	0.153/0.268	5217	500	R 1500
3X150+70 rm	47.60	326	359	0.124/0.268	6201	500	R 1600
3X185+95 rm	54.20	374	406	0.0991/0.193	7972	250	R 1500
3X240+120 rm	60.40	445	473	0.754/0.153	10198	250	R 1500



#### TECHNICAL DATE

Permissible operating temperature	70 °C
Short circuit temperature	160 °C
Rated Voltage	300/500 V 450/750 V

#### CONSTRUCTION

Solid or stranded copper conductor
PVC insulation
PVC filler
PVC outer sheath

#### USAGE AREAS

Fixed wiring in dry and damp premises, in conduits, on insulators over plaster, switching and distribution panels.

### STANDARD

TS IEC 332-1  
VDE 0250

Rated Cross-section mm	Average Overall mm	Approx. Net Kg/Km	Delivery Length Metre	Conductor DC Resistance at ohm/km	Current Carrying Capacity in Air A
2x1	3.4 x 9.5	44	80	18	12
2x1.5	4.4 x 12	59	80	12	19
2x2.5	5.4 x 13.5	90	80	7,4	25
2x4	6.2 x 15.5	127	80	4,6	34
3x 1	3.4 x 10.5	65	80	18,1	12
3x1.5	4.4 x 19	89	80	12,1	19
3x2.5	5.4 x 21.5	135	80	7,4	25
3x4	6.4 x 25	191	80	4,6	34



#### ATTENUATION (20°C)

100 Mhz	8,2 dB/100m
200 Mhz	11,9 dB/100m
500 Mhz	19,2 dB/100m
800 Mhz	25,9 dB/100m
1000 Mhz	28,1 dB/100m

#### RETURN LOSS (20°C)

30 Mhz	> 26dB
470-1000 Mhz	> 19dB
1000-3000 Mhz	> 18dB

#### SHEATH COLOR

Black - Green Coded

White



#### TECHNICAL DATE

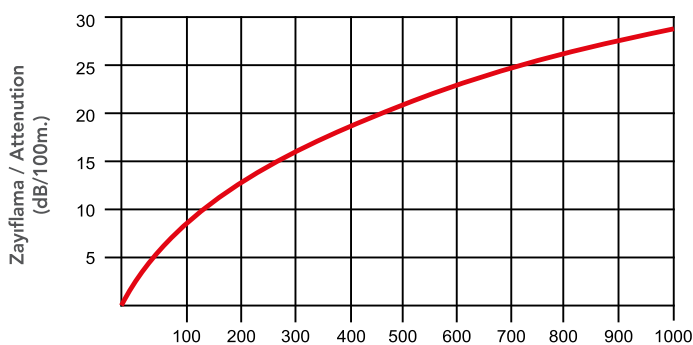
Impedance	75 ± 3 Ω
Capacitance	52 ± 2 pF/ m
Insulatiin Resistance	82%

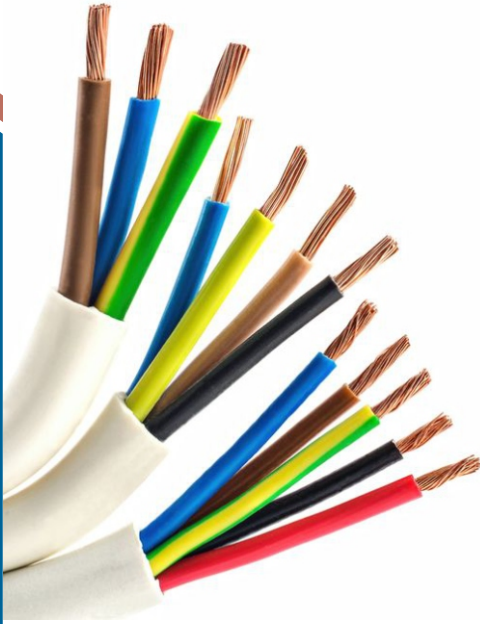
#### USAGE AREAS

It is used as connection cable in 75 Ohm wide-band communication networks, in Communications of indoors digital and analog video signals, in CATV, CCTV, and CTV main line distribution, in SATV (satellite dish) and security Systems in which a weak attenuation is required.

#### CABLE CONSTRUCTION

Conductor	Ø 0,80 mm Electrolytic copper
Insulation	Ø 3,70 mm PE with physical foam (S/F/S)
1.Shield	Aluminum foil
2.Shield	Braid from aluminum wires(%58 Coverage)
Outer Sheath	5,90 mm PVC





NYA - NYAF

Cable Sections	Length	Coil Diameter	Palette Line-Up	Palette Weigth	Coil Quantity
0.50	100	200	4X6	531.61	600
0.75	100	200	4X6	583.35	504
1.00	100	200	4X6	588.66	408
1.50	100	200	4X6	685.15	336
2.50	100	240	3X5	846.94	270
4.00	100	240	3X5	1030.35	225
6.00	100	240	3X5	958.69	150
0.50	90	200	4X6	481.45	600
0.75	90	200	4X6	528.02	504
1.00	90	200	4X6	532.79	408
1.50	90	200	4X6	619.63	336
2.50	90	240	3X5	765.25	270
4.00	90	240	3X5	930.31	225
6.00	90	240	3X5	865.82	150

TTR

Cable Sections	Length	Coil Diameter	Palette Line-Up	Palette Weigth	Coil Quantity
2 x 0.50	100	240	3X5	566.73	150
2 x 0.75	100	270	3X4	621.63	108
2 x 1	100	270	3X4	644.18	96
2 x 1.5	100	270	3X4	640.27	72
2 x 2.5	100	400	2X3	800.27	60
2 x 4	100	400	2X3	866.62	48
2 x 6	100	400	2X3	886.82	36
3 x 0.50	100	270	3X4	643.97	144
3 x 0.75	100	270	3X4	654.60	96
3 x 1	100	270	3X4	660.65	84
3 x 1.5	100	360	3X4	732.33	66
3 x 2.5	100	400	2X3	899.13	54
3 x 4	100	400	2X3	933.73	42
3 x 6	100	400	2X3	918.28	30
4 x 0.50	100	270	3X4	657.15	120
4 x 0.75	100	260	3X4	602.30	72
4 x 1.0	100	340	2X3	617.49	60
4 x 1.5	100	400	2X3	842.28	60
4 x 2.5	100	400	2X3	865.06	42
4 x 4	100	400	2X3	852.00	30
4 x 6	100	400	2X3	918.21	24
5 x 0.50	100	260	3X4	635.08	96
5 x 0.75	100	350	2X3	685.53	66
5 x 1.0	100	350	2X3	665.95	54
5 x 1.5	100	400	2X3	919.64	54
5 x 2.5	100	400	2X3	768.82	30
5 x 4	100	400	2X3	859.27	24

NYM

Cable Sections	Length	Coil Diameter	Palette Line-Up	Palette Weigth	Coil Quantity
2 x 1.5	100	370	2X3	721.19	60
2 x 2.5	100	400	2X3	874.75	54
2 x 4	100	400	2X3	1097.89	54
2 x 6	100	400	2X3	1092.09	42
3 x 1.5	100	370	2X3	756.81	54
3 x 2.5	100	400	2X3	921.51	48
3 x 4	100	400	2X3	1042.68	42
3 x 6	100	400	2X3	1003.43	30
4 x 1.5	100	400	2X3	895.42	54
4 x 2.5	100	400	2X3	968.58	42
4 x 4	100	400	2X3	1112.67	36
4 x 6	100	400	2X3	1007.04	24
5 x 1.5	100	400	2X3	946.49	48
5 x 2.5	100	400	2X3	995.33	36
5 x 4	100	400	2X3	942.02	24
5 x 6	100	400	2X3	932.00	18

# المضاب الاردنية ALHEDAB



### USAGE AREAS

In places where mechanical stresses are not much, under/on the plaster, on dry wall and suspended ceiling.

Nominal Diameter	Ø 20	Ø 25	Ø 32
Outer Diameter (mm)	20-0,3	25-0,4	32-0,4
Thickness (mm)	1.8 mm	1.8 mm	1.8 mm
Piece/Pack	30	30	20
Pipe Length	2,9 m	2,9 m	2,9 m



### TECHNICAL PROPERTIES

Material	PVC BASED THERMOPLASTIC
Compressive Strength	320 Newton/ 60 sn/ 23±2°C
Impact Strength	1 kg/100 mm/ - 25°C
Minimum Installation and Storing Temperature	- 25°C
Maksimum Installation and Storing Temperature	+ 60°C



Test Voltage (AC)  
2 kV - 2.5 kV



Flame  
retardant  
I EC 60332-1



Lead free



Flexible



In free air



Installation  
temperature  
min 5°C



In conduit



Internal wiring

## USAGE AREAS

In places where mechanical stresses are not much, under/on the plaster, on dry wall and suspended ceiling.

Nominal Diameter	Ø 20	Ø 25
Outer Diameter (mm)	20-0,3	25-0,4
Thickness (mm)	1,8 mm	1,8 mm
Piece/Pack	300	175



## TECHNICAL PROPERTIES

Material	PVC BASED THERMOPLASTIC
Compressive Strength	320 Newton/ 60 sn/ 23±2°C
Impact Strength	1 kg/100 mm/ - 25°C
Minimum Installation and Storing Temperature	- 25°C
Maksimum Installation and Storing Temperature	+ 60°C



Test Voltage (AC)  
2 kV - 2.5 kV



Flame  
retardant  
IEC 60332-1



Lead free



Flexible



In free air



Installation  
temperature  
min 5°C



In conduit



Internal wiring



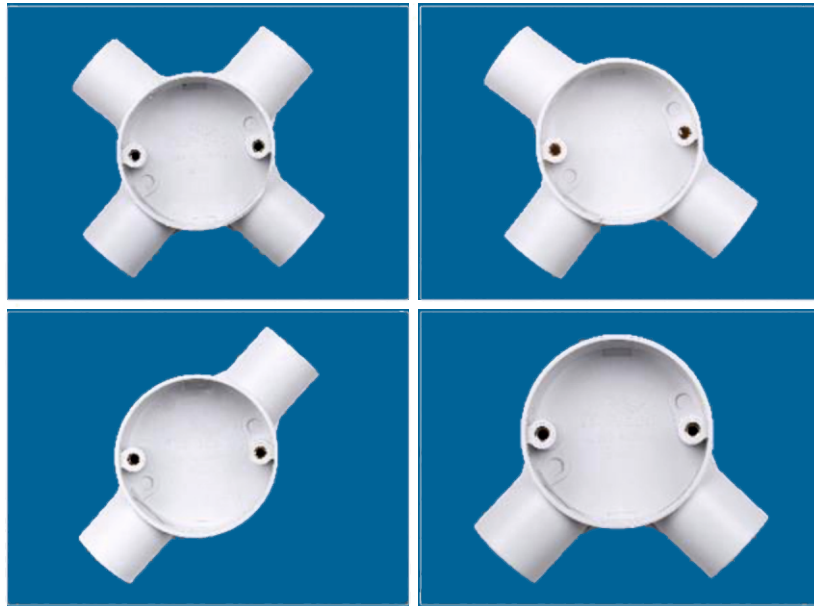
# PVC Round Junction

## USAGE AREAS

In places where mechanical stresses are not much, under/on the plaster, on dry wall and suspended ceiling.

Nominal Diameter	Ø20	Ø 25
Exit Number	1.2.3.4	1.2.3.4
Piece / Pack	40	30

### 4/3/2 with Exit Number, Under/on The Plaster



## TECHNICAL PROPERTIES

Material	PVC BASED THERMOPLASTIC
Compressive Strength	320 Newton/ 60 sn/ 23±2°C
Impact Strength	1 kg/100 mm/ - 25°C
Minimum Installation and Storing Temperature	- 25°C
Maksimum Installation and Storing Temperature	+ 60°C



Test Voltage (AC)  
2 kV - 2.5 kV



Flame  
retardant  
I EC 60332-1



Lead free



Flexible



In free air



Installation  
temperature  
min 5°C



In conduit



Internal wiring

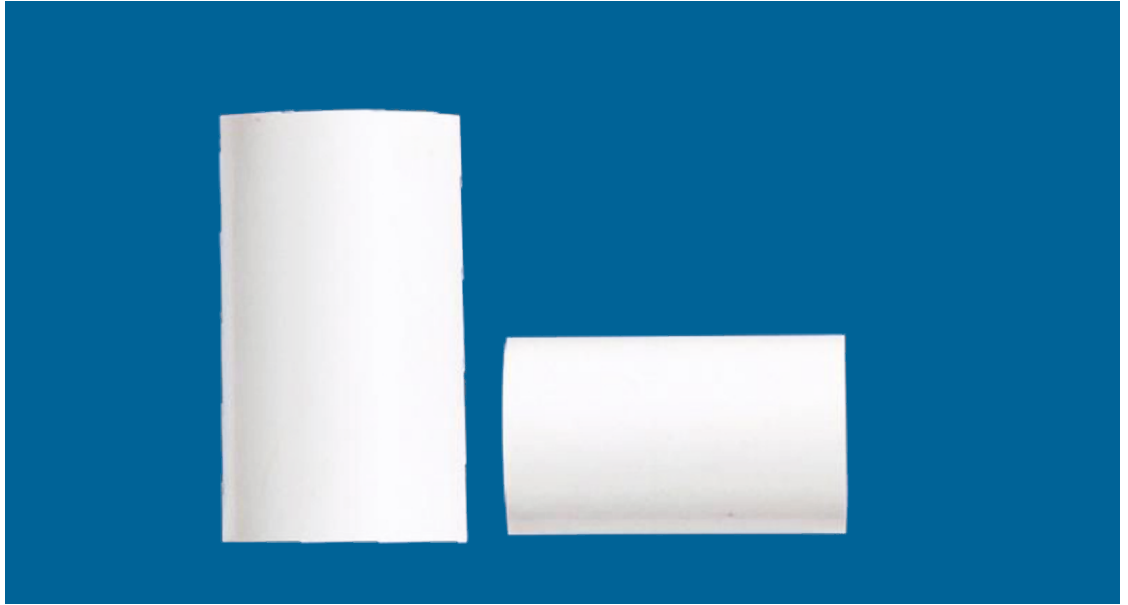


# PVC Flat Pipe Union

## USAGE AREAS

In places where mechanical stresses are not much, under/on the plaster, on dry wall and suspended ceiling.

Nominal Diameter	Ø 20	Ø 25	Ø 32
Outer Diameter (mm)	20-0,3	25-0,4	32-0,5
Thickness (mm)	1,8 mm	1,8 mm	1,8 mm
Piece/Pack	300	150	75



## TECHNICAL PROPERTIES

Material	PVC BASED THERMOPLASTIC
Compressive Strength	320 Newton/ 60 sn/ 23±2°C
Impact Strength	1 kg/100 mm/ - 25°C
Minimum Installation and Storing Temperature	- 25°C
Maksimum Installation and Storing Temperature	+ 60°C



Test Voltage (AC)  
2 kV - 2.5 kV



Flame  
retardant  
I EC 60332-1



Lead free



Flexible



In free air



Installation  
temperature  
min 5°C



In conduit



Internal wiring

## Electrical Metallic Tubing(EMT)

Finish: Pre-galvanized

Issued: Dec.04th,2023

CAT #	Size	Nominal Outside Dia.		Nominal Wall Thickness		Length m	Packing	
		in.	mm	in.	mm		pcs/ small bundle	pcs/ big bundle
EMT-050	1/2"	0.706	17.93	0.042	1.07	3.00	20	400
EMT-075	3/4"	0.922	23.42	0.049	1.24	3.00	10	250

Applicable tolerances:

Length:  $\pm$  1.0cm

Outside Diameter: 1/2" -3/4"  $\pm$  0.127mm

Wall thickness tolerance: 1/2"-3/4"  $\pm$  0.102mm

★ Consult Manufacturer for Proper Installation



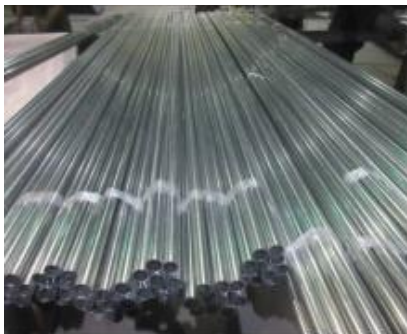
### Pre-galvanized EMT Conduit-

#### Application:

▫ EMT Conduit will help protect electrical wires and cables from environmental,.

#### Installation Environment:

▫ Indoor, dry locations.



**EMT Elbow**

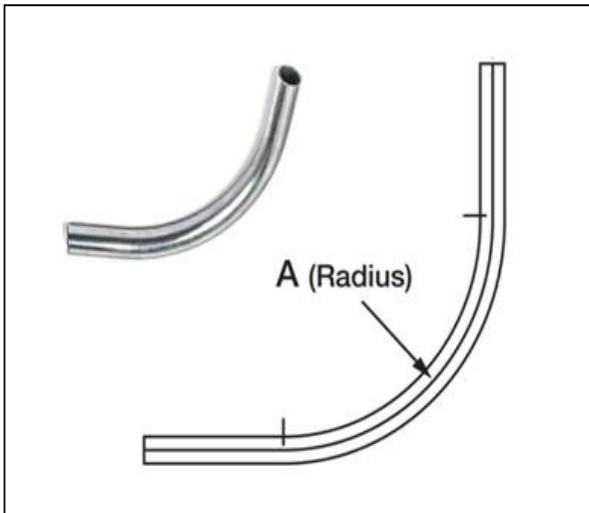
**Finish: Pre-galvanized**

**Issued: Dec.04th,2023**

CAT #	Size	Nominal Outside Dia.		Nominal Wall Thickness		A (Radius)	L ( Length before bending )
		in.	mm	in.	mm	in.	mm
8300T	1/2"	0.706	17.93	0.031	0.80	4.00	245
8301T	3/4"	0.922	23.42	0.049	0.90	4.63	268

★ Thickness with tolerance

★ Consult Manufacturer for Proper Installation



**Pre-galvanized EMT Elbow-**

**Application:**  
 ▫ EMT Elbows are to be installed on conduit raceways for the interconnection of conduit runs and other fittings.

**Installation Environment:**  
 ▫ Indoor, dry locations.

## EMT Set Screw Type Coupling-Zinc



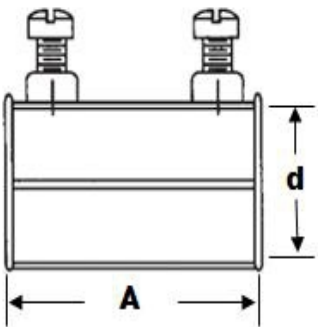
### Features

- ★ Set Screw type coupling
- ★ Concrete tight when taped

### Standard Material:

Issued: Dec.04th,2023

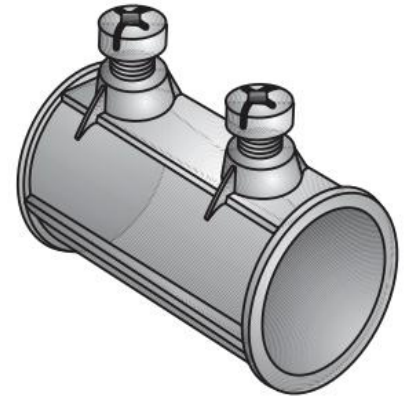
CAT #	Size	Dimensions in(inches)	
		A	d
		±0.005	±0.005
SSCP-050	1/2"	1.457	0.728
SSCP-075	3/4"	1.811	0.945
SSCP-100	1"	1.969	1.181



- ★ Consult Manufacturer for Proper Installation

### Applications:


- ★ Use to join two lengths of EMT conduit for dry locations .



# EMT Set Junction Box



Issued: Dec.04th,2023

CAT #	Size	Dimensions in( mm )	
1,2,3,4 WAY	1/2"	20 mm	
1,2,3,4 WAY	3/4"	25 mm	

## Applications:

One way box-terminal box. Two way box-Angle box,  
Two way box-Through box, Three way box-Tee box,  
four way box-intersection box, Branch two way box(U),  
branch three way box (Y) , twin through way box(H) available



## EMT Set Screw Type Connector-Steel

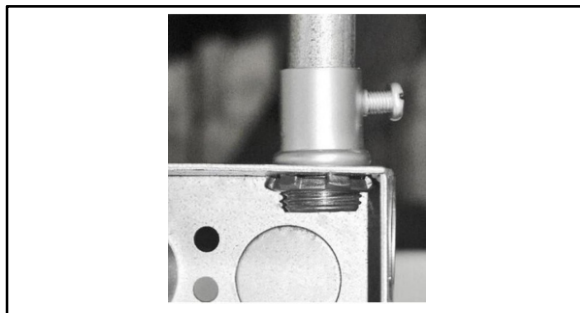
### Features:

- ★ Set Screw type connector
- ★ Concrete tight when taped
- ★ Assembled with a steel locknut
- ★ Available with insulated throat

Issued: Dec.04th,2023

CAT #	Size	Dimensions in(inches)			
		A	B	C	
		Body Length	Thread Length	Inner Dia.	Outside Dia
		±0.005	±0.005	±0.005	±0.005
H-50S	1/2"	1.417	0.374	0.727	0.854
H-75S	3/4"	1.540	0.393	0.937	1.066
H-100S	1"	1.818	0.480	1.188	1.331

- ★ Consult Manufacturer for Proper Installation



### Applications:

- ★ Use to join EMT to box or enclosure in dry locations .



