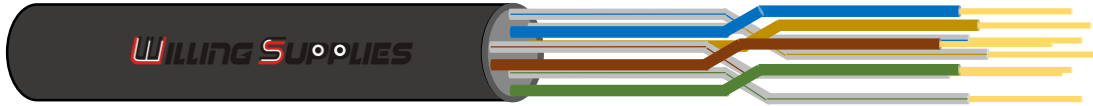




# UTP CATEGORY 5E LAN CABLE



## Specification :

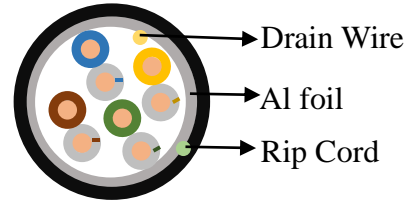
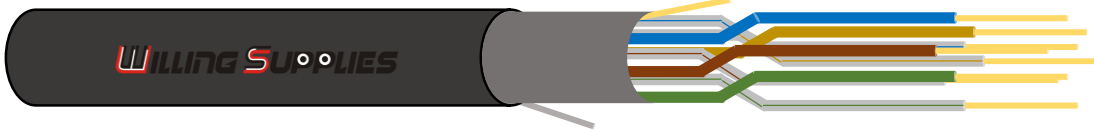
Standard	Application
ISO/IEC 11801-2Ed	10/100 BASE(TIEEE 802.3)
ANSI TIA/EIA 568-B.2	AMT.TP-PMD, ANSI X39T.5(TP),LSDN,TP-DDI
EN 50173	ETHERNET, 1000BASE-T
EN-50288-3-1	GIGABIT-ETHERNET
UL	Token Ring (IEEE802.5)

<b>Dielectric strength</b>	2.5KV DC-2 SECOND
<b>Conductor resistance</b>	MAX9.38 ohm/100m at 20 °C
<b>Max. ring resistance</b>	16.8ohm/100m at 20 °C
<b>Max. mutual capacitance</b>	560PF/100M
<b>Max. capacity unbalance</b>	330PF/100M
<b>Standard impedance</b>	100±15 OHM between 1Mhz and 100Mhz
<b>Minimum bending radius</b>	50mm
<b>Working temperatures</b>	-20°C --60 °C

Frequency (Mhz)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS NEXT (dB)	ACR (dB)	PS-ACR (dB)	ELFEXT (dB)	PS-ELFEXT (dB)
1	20	2.1	68	66	66.3	64.3	63.8	60.8
4	23	4.2	59.2	57.2	55.2	53.2	51.7	48.8
8	24.5	5.9	54.8	52.8	49	47	45.7	42.7
10	25	6.6	53.3	51.3	46.8	44.8	43.8	40.8
16	25	8.3	50.3	48.3	42.1	40.1	39.7	36.7
20	25	9.4	48.8	46.8	39.5	37.5	37.8	34.8
25	24.3	10.3	47.3	45.3	36.9	34.9	35.8	32.8
31.25	23.6	11.8	45.9	43.9	34.2	32.2	33.9	30.9
62.5	21.5	17.1	41.4	39.4	24.4	22.4	27.8	24.8
100	20.1	22.2	38.3	36.3	16.3	14.3	23.8	20.8
155	18.8	28.2	35.4	33.4	7.4	5.4	20	17
200	18	32.5	33.7	31.7	1.4	0	17.7	14.7
240	17.4	36.1	32.6	30.6	--	--	16.2	13.2
300	16.8	41.1	31.2	29.2	--	--	14.2	11.2
350	16.3	45	30.1	28.1	--	--	12.9	9.9

UTP CAT 5E LAN CABLE

# FTP CATEGORY 5E LAN CABLE



## Specification :

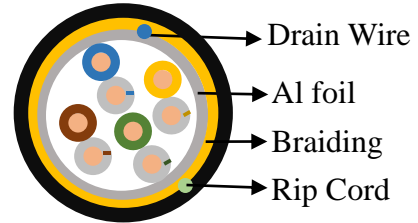
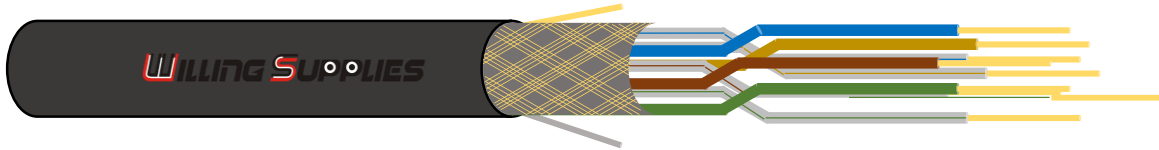
Standard	Application
ISO/IEC 11801-2Ed	10/100 BASE(TIEEE 802.3)
ANSI TIA/EIA 568-B.2	AMT.TP-PMD, ANSI X39T.5(TP),LSDN,TP-DDI
EN 50173	ETHERNET, 1000BASE-T
EN-50288-3-1	GIGABIT-ETHERNET
UL	Token Ring (IEEE802.5)

<b>Dielectric strength</b>	2.5KV DC-2 SECOND
<b>Conductor resistance</b>	MAX9.38 ohm/100m at 20 °C
<b>Max. ring resistance</b>	16.8ohm/100m at 20 °C
<b>Max. mutual capacitance</b>	560PF/100M
<b>Max. capacity unbalance</b>	330PF/100M
<b>Standard impedance</b>	100±15 OHM between 1Mhz and 100Mhz
<b>Minimum bending radius</b>	50mm
<b>Working temperatures</b>	-20°C --60 °C

Frequency (Mhz)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS NEXT (dB)
0.772	20	1.8	67	64
1	20	2.0	65.3	62.3
4	23	4.1	56.3	53.3
8	24.5	5.8	51.3	48.8
10	25	6.5	50.3	47.3
16	25	8.2	47.3	44.3
20	25	9.3	45.8	42.8
25	24.3	10.4	44.3	41.3
31.25	23.3	11.7	42.9	39.9
62.5	20.7	17	38.4	35.4
100	19	22	35.3	32.3

FTP CAT 5E LAN CABLE

# SFTP CATEGORY 5E LAN CABLE



## Specification :

Standard	Application
ISO/IEC 11801-2Ed	10/100 BASE(TIEEE 802.3)
ANSI TIA/EIA 568-B.2	AMT.TP-PMD, ANSI X39T.5(TP),LSDN,TP-DDI
EN 50173	ETHERNET, 1000BASE-T
EN-50288-3-1	GIGABIT-ETHERNET
UL	Token Ring (IEEE802.5)

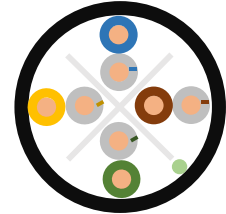
<b>Dielectric strength</b>	2.5KV DC-2 SECOND
<b>Conductor resistance</b>	MAX9.38 ohm/100m at 20 °C
<b>Max. ring resistance</b>	16.8ohm/100m at 20 °C
<b>Max. mutual capacitance</b>	560PF/100M
<b>Max. capacity unbalance</b>	330PF/100M
<b>Standard impedance</b>	100±15 OHM between 1Mhz and 100Mhz
<b>Minimum bending radius</b>	50mm
<b>Working temperatures</b>	-20°C --60 °C

Frequency (Mhz)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS NEXT (dB)
0.772	20	1.8	67	64
1	20	2.0	65.3	62.3
4	23	4.1	56.3	53.3
8	24.5	5.8	51.3	48.8
10	25	6.5	50.3	47.3
16	25	8.2	47.3	44.3
20	25	9.3	45.8	42.8
25	24.3	10.4	44.3	41.3
31.25	23.3	11.7	42.9	39.9
62.5	20.7	17	38.4	35.4
100	19	22	35.3	32.3

SFTP CAT 5E LAN CABLE



# UTP CATEGORY 6 LAN CABLE



## Specification :

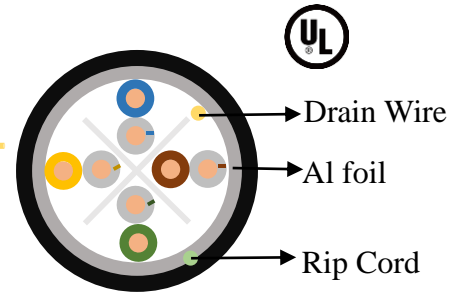
Standard	Application
ISO/IEC 11801-2Ed	10/100 BASE(TIEEE 802.3)
ANSI TIA/EIA 568-B.2	AMT.TP-PMD, ANSI X39T.5(TP),LSDN,TP-DDI
EN 50173	ETHERNET, 1000BASE-T
EN-50288-3-1	GIGABIT-ETHERNET
UL	Token Ring (IEEE802.5)

<b>Dielectric strength</b>	2.5KV DC-2 SECOND
<b>Conductor resistance</b>	MAX9.38 ohm/100m at 20 °C
<b>Max. ring resistance</b>	16.8ohm/100m at 20 °C
<b>Max. mutual capacitance</b>	560PF/100M
<b>Max. capacity unbalance</b>	330PF/100M
<b>Standard impedance</b>	100±15 OHM between 1Mhz and 100Mhz
<b>Minimum bending radius</b>	50mm
<b>Working temperatures</b>	-20°C --60 °C

Frequency (Mhz)	Impedance (ohm)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS NEXT (dB)	ELFEXT (dB)	PS-ELFEXT (dB)
772Khz	100±15	19.44	1.84	76	74	70	67
1	100±15	20	2.04	74.3	72.3	67.8	64.8
4	100±15	23.01	3.81	65.3	63.3	55.8	52.8
8	100±15	24.52	5.35	60.8	58.8	49.7	46.7
10	100±15	25	5.99	59.3	57.3	47.8	44.8
16	100±15	25	7.6	56.2	54.2	437	40.7
20	100±15	25	8.52	54.8	52.8	41.8	38.8
25	100±15	24.32	9.57	53.3	51.3	39.8	36.8
31.25	100±15	23.64	10.74	51.9	49.9	37.9	34.9
62.3	100±15	21.54	15.48	47.4	45.4	31.9	28.9
100	100±15	20.1	19.92	44.3	42.3	27.8	24.8
125	100±22	19.42	22.49	42.8	40.8	25.9	22.9
200	100±22	18	29.15	39.8	37.8	21.8	18.8
250	100±32	17.32	33.04	38.3	36.3	19.8	16.8

UTP CAT 6 LAN CABLE

# FTP CATEGORY 6 LAN CABLE



## Specification :

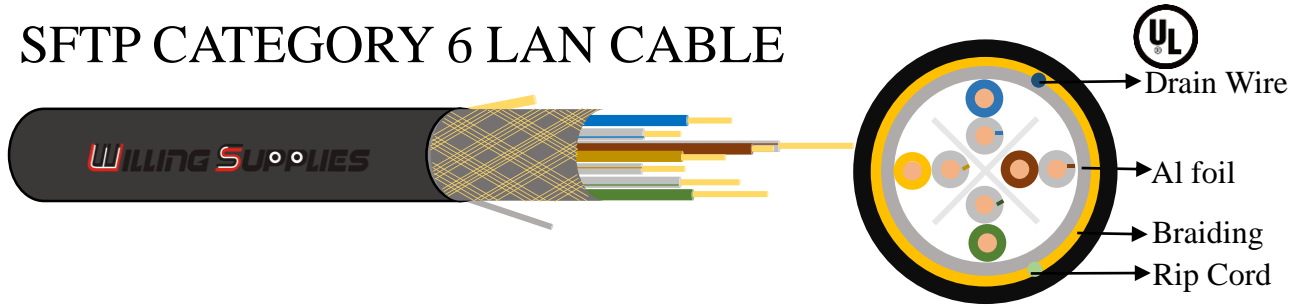
Standard	Application
ISO/IEC 11801-2Ed	10/100 BASE(TIEEE 802.3)
ANSI TIA/EIA 568-B.2	AMT.TP-PMD, ANSI X39T.5(TP),LSDN,TP-DDI
EN 50173	ETHERNET, 1000BASE-T
EN-50288-3-1	GIGABIT-ETHERNET
UL	Token Ring (IEEE802.5)

<b>Dielectric strength</b>	2.5KV DC-2 SECOND
<b>Conductor resistance</b>	MAX9.38 ohm/100m at 20 °C
<b>Max. ring resistance</b>	16.8ohm/100m at 20 °C
<b>Max. mutual capacitance</b>	560PF/100M
<b>Max. capacity unbalance</b>	330PF/100M
<b>Standard impedance</b>	100±15 OHM between 1Mhz and 100Mhz
<b>Minimum bending radius</b>	50mm
<b>Working temperatures</b>	-20°C --60 °C

Frequency (Mhz)	Impedance (ohm)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS NEXT (dB)	ELFEXT (dB)	PS-ELFEXT (dB)
772Khz	100±15	19.44	1.84	76	74	70	67
1	100±15	20	2.04	74.3	72.3	67.8	64.8
4	100±15	23.01	3.81	65.3	63.3	55.8	52.8
8	100±15	24.52	5.35	60.8	58.8	49.7	46.7
10	100±15	25	5.99	59.3	57.3	47.8	44.8
16	100±15	25	7.6	56.2	54.2	437	40.7
20	100±15	25	8.52	54.8	52.8	41.8	38.8
25	100±15	24.32	9.57	53.3	51.3	39.8	36.8
31.25	100±15	23.64	10.74	51.9	49.9	37.9	34.9
62.3	100±15	21.54	15.48	47.4	45.4	31.9	28.9
100	100±15	20.1	19.92	44.3	42.3	27.8	24.8
125	100±22	19.42	22.49	42.8	40.8	25.9	22.9
200	100±22	18	29.15	39.8	37.8	21.8	18.8
250	100±32	17.32	33.04	38.3	36.3	19.8	16.8

FTP CAT 6 LAN CABLE

# SFTP CATEGORY 6 LAN CABLE



## Specification :

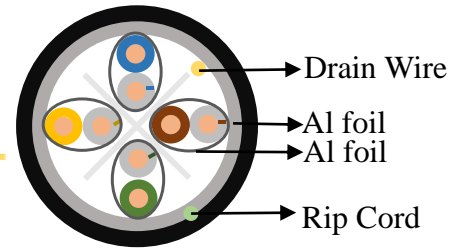
Standard	Application
ISO/IEC 11801-2Ed	10/100 BASE(TIEEE 802.3)
ANSI TIA/EIA 568-B.2	AMT.TP-PMD, ANSI X39T.5(TP),LSDN,TP-DDI
EN 50173	ETHERNET, 1000BASE-T
EN-50288-3-1	GIGABIT-ETHERNET
UL	Token Ring (IEEE802.5)

<b>Dielectric strength</b>	2.5KV DC-2 SECOND
<b>Conductor resistance</b>	MAX9.38 ohm/100m at 20 °C
<b>Max. ring resistance</b>	16.8ohm/100m at 20 °C
<b>Max. mutual capacitance</b>	560PF/100M
<b>Max. capacity unbalance</b>	330PF/100M
<b>Standard impedance</b>	100±15 OHM between 1Mhz and 100Mhz
<b>Minimum bending radius</b>	50mm
<b>Working temperatures</b>	-20°C --60 °C

Frequency (Mhz)	Impedance (ohm)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS NEXT (dB)	ELFEXT (dB)	PS-ELFEXT (dB)
1	100±15	20	1.9	80.3	77.3	70.8	67.8
10	100±15	25	5.7	65.3	62.3	50.8	47.8
31.3	100±15	25	10.2	57.9	54.9	40.9	37.9
62.5	100±15	25	14.7	53.4	50.4	34.9	31.9
100	100±15	25	18.9	50.3	47.3	30.8	27.8
155	100±15	22.8	23.9	47.5	44.5	27	24
200	100±15	21.7	27.5	45.8	42.8	24.7	21.7
250	100±15	20.5	31.2	44.3	41.3	22.8	19.8

SFTP CAT 6 LAN CABLE

# FTP CATEGORY 6A LAN CABLE



## Specification :

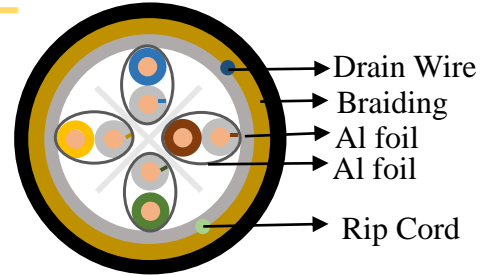
Standard	Application
ISO/IEC 11801-2Ed	10/100 BASE(TIEEE 802.3)
ANSI TIA/EIA 568-B.2	AMT.TP-PMD, ANSI X39T.5(TP),LSDN,TP-DDI
EN 50173	ETHERNET, 1000BASE-T
EN-50288-3-1	GIGABIT-ETHERNET
UL	Token Ring (IEEE802.5)

<b>Dielectric strength</b>	2.5KV DC-2 SECOND
<b>Conductor resistance</b>	MAX9.38 ohm/100m at 20 °C
<b>Max. ring resistance</b>	16.8ohm/100m at 20 °C
<b>Max. mutual capacitance</b>	560PF/100M
<b>Max. capacity unbalance</b>	330PF/100M
<b>Standard impedance</b>	100±15 OHM between 1Mhz and 100Mhz
<b>Minimum bending radius</b>	50mm
<b>Working temperatures</b>	-20°C --60 °C

Frequency (Mhz)	Impedance (ohm)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS NEXT (dB)	ELFEXT (dB)	PS-ELFEXT (dB)
772Khz	---	---	1.8	79	77	73	69
1	100±15	20	2	77	75	71	68
4	100±15	23	3.8	68	66	59	56
8	100±15	24.5	5.3	64	62	53	50
10	100±15	25	6	62	60	51	48
16	100±15	25	7.6	59	57	47	44
20	100±15	25	8.5	58	56	45	42
31.25	100±15	24.32	9.5	56	54	43	40
62.5	100±15	21.54	15.4	50	48	35	32
100	100±15	20.1	9.8	47	45	31	28
155	100±15	19.42	25.2	44	42	27	24
200	100±15	18	29	43	41	25	22
250	100±15	17.32	32.8	41	39	23	20
300	100±15	16.8	36.4	40	38	21	18
350	100±15	16.3	39.8	39	37	20	17
400	100±15	15.9	43	38	36	19	16
450	100±15	15.5	46	38	36	18	15
500	100±15	15.2	48.9	37	35	17	14

FTP CAT 6A LAN CABLE

# SFTP CATEGORY 7 LAN CABLE



## Specification :

Standard	Application
ISO/IEC 11801-2Ed	10/100 BASE(TIEEE 802.3)
ANSI TIA/EIA 568-B.2	AMT.TP-PMD, ANSI X39T.5(TP),LSDN,TP-DDI
EN 50173	ETHERNET, 1000BASE-T
EN-50288-3-1	GIGABIT-ETHERNET
UL	Token Ring (IEEE802.5)

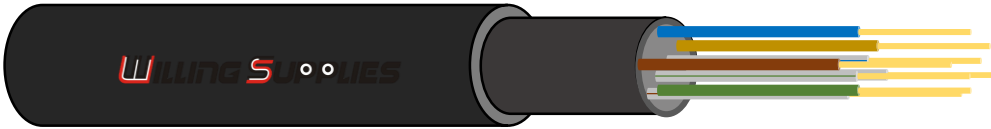
<b>Dielectric strength</b>	2.5KV DC-2 SECOND
<b>Conductor resistance</b>	MAX9.38 ohm/100m at 20 °C
<b>Max. ring resistance</b>	16.8ohm/100m at 20 °C
<b>Max. mutual capacitance</b>	560PF/100M
<b>Max. capacity unbalance</b>	330PF/100M
<b>Standard impedance</b>	100±15 OHM between 1Mhz and 100Mhz
<b>Minimum bending radius</b>	50mm
<b>Working temperatures</b>	-20°C --60 °C

Frequency (Mhz)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS NEXT (dB)	PS-ELFEXT (dB)
1	20	2	77	75	68
10	23	3.8	68	66	56
31.25	24.5	5.3	64	62	50
62.5	25	6	62	60	48
100	25	7.6	59	57	44
155	25	8.5	58	56	42
200	24.32	9.5	56	54	40
250	21.54	15.4	50	48	32
350	20.1	9.8	47	45	28
400	19.42	25.2	44	42	24
500	18	29	43	41	22
550	17.32	32.8	41	39	20
600	16.8	36.4	40	38	18

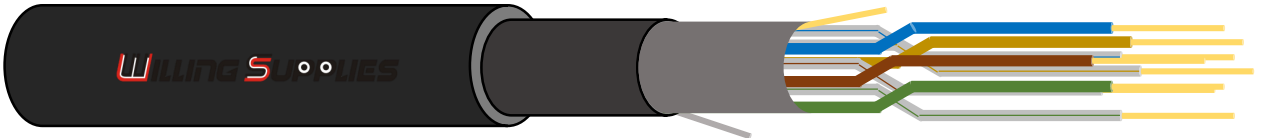
SFTP CAT 7 LAN CABLE



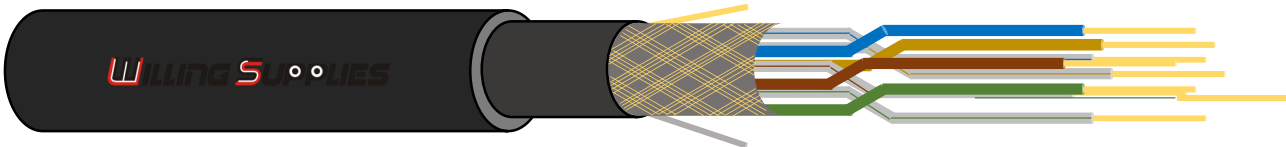
### UTP CATEGORY 5E/6 LAN CABLE



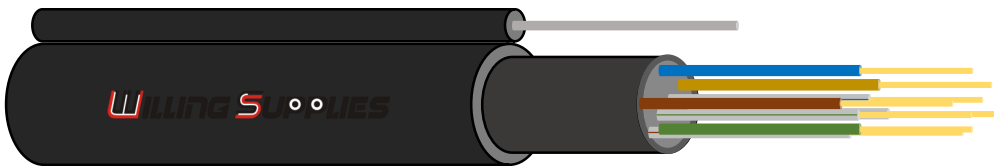
### FTP CATEGORY 5E/6/6A LAN CABLE



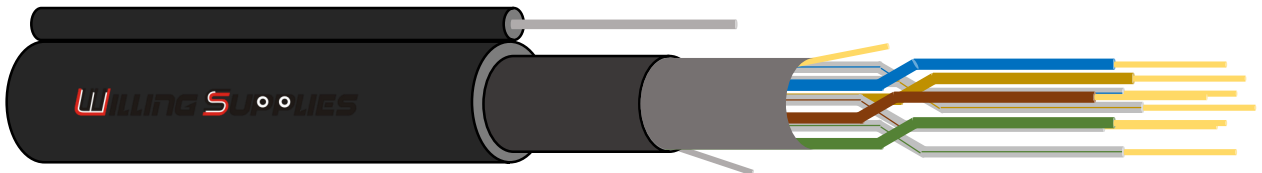
### SFTP CATEGORY 5E/6/6A/7 LAN CABLE



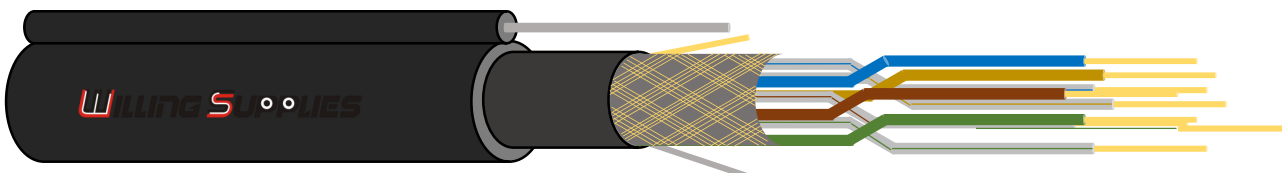
### UTP CATEGORY 5E/6 LAN CABLE W/Messenger



### FTP CATEGORY 5E/6/6A LAN CABLE W/Messenger

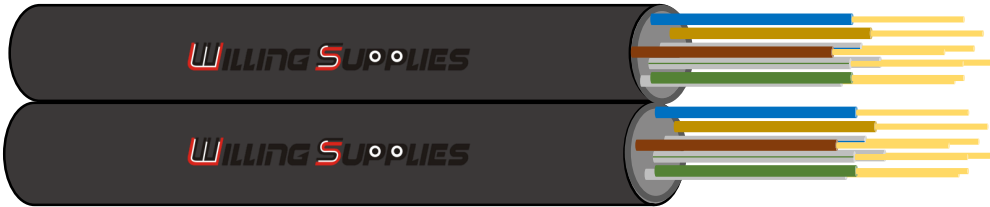


### SFTP CATEGORY 5E/6/6A/7 LAN CABLE W/Messenger

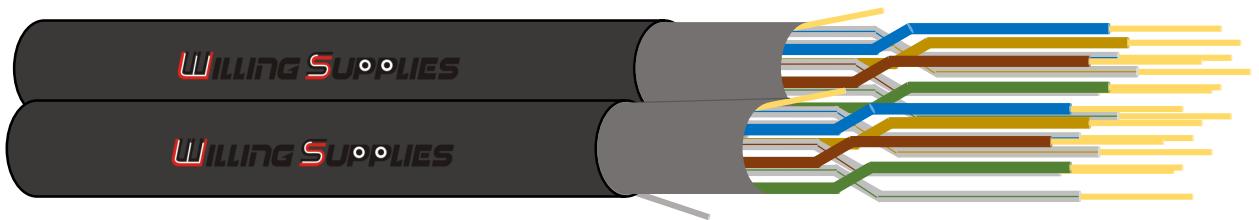


OUT DOOR LAN CABLE

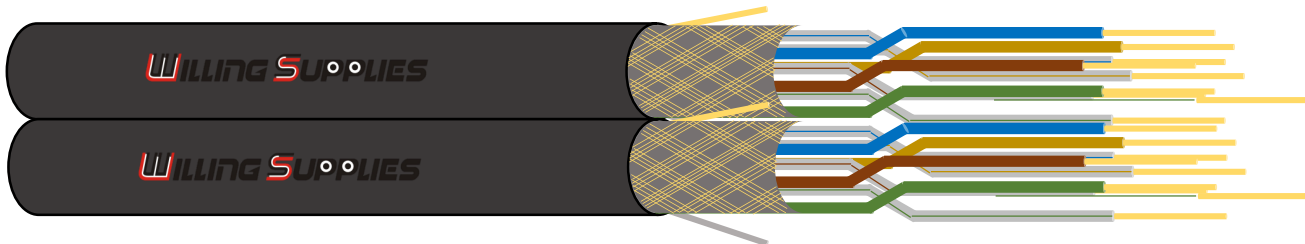
## Dual UTP CATEGORY 5E/6 LAN CABLE



## Dual FTP CATEGORY 5E/6/6A LAN CABLE



## Dual SFTP CATEGORY 5E/6/6A/7 LAN CABLE



## 25Pairs UTP CAT 5E LAN CABLE

