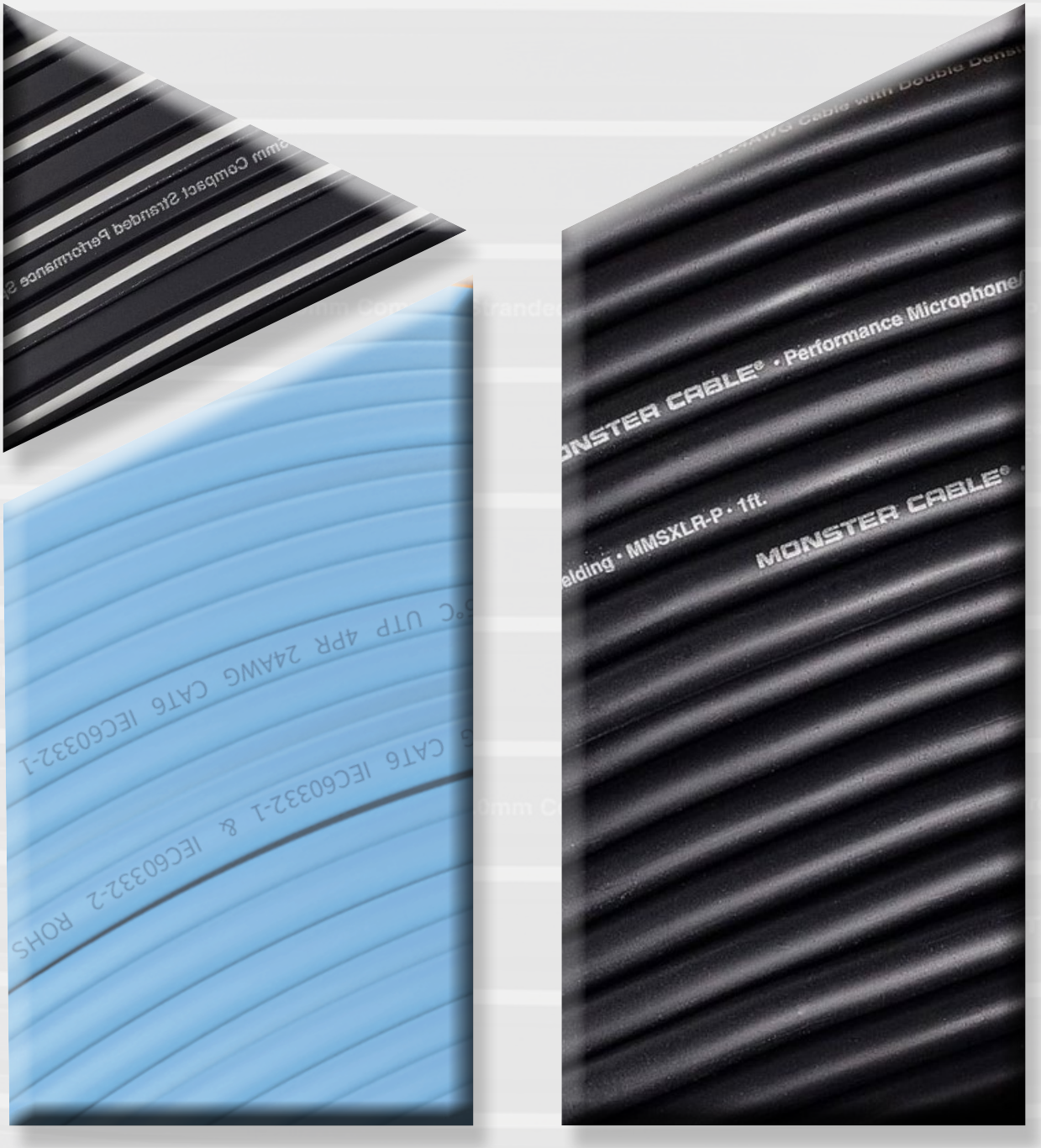
MONSTER® MARINE

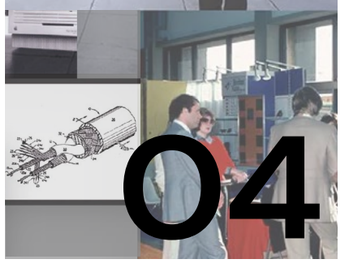


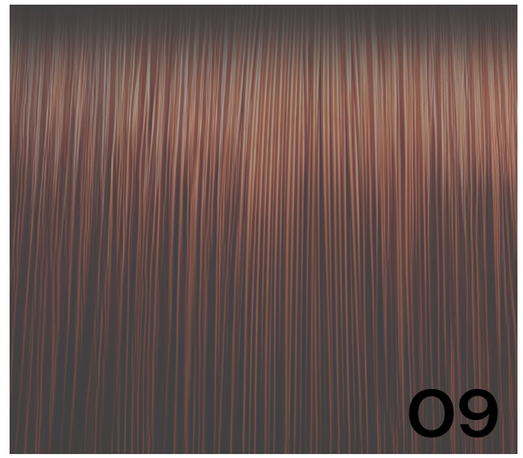
MARINE
YACHTING SOUND EXCELLENCE

Monster catalogue

2024 – 2025

TABLE OF CONTENTS

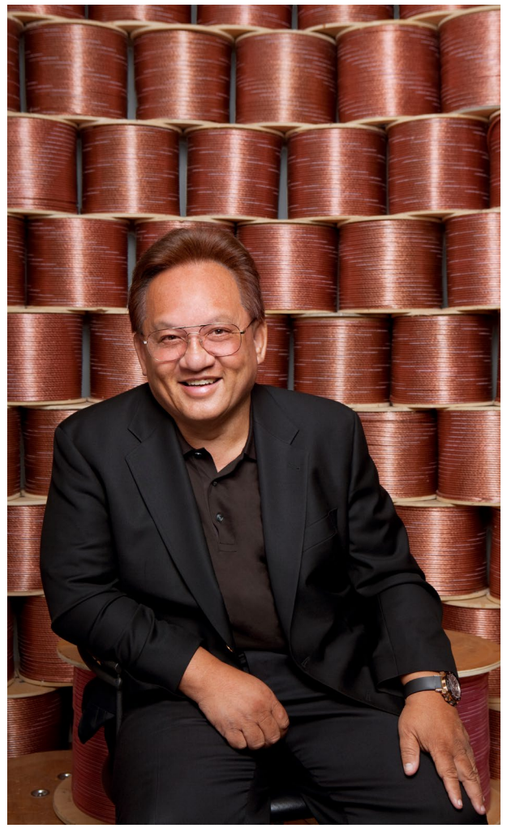




MONSTER

Monster was founded over 40 years ago by **Noel Lee**, Head Monster, a passionate music fanatic, audiophile, engineer, and musician. Noel's journey began in 1979 in his garage in San Francisco, where he created the first high-performance speaker cable, the Original Monster Cable, that dramatically made speakers sound better. While the first **20 years focused on cables**, the next 20 expanded to power, headphones, speakers, lighting, mobile, marine, gaming and other new innovative categories all driven by Noel's passion for a better entertainment experience.

While many know Monster for its role in creating Beats By Dr Dre, Monster has created **hundreds of patents** and trademarks for thousands of products worldwide to help grow its retailer's business and deliver better solutions for its customers. Today, Monster continues to support its licensees to excel in developing innovative and advanced solutions for home entertainment, smart home, gaming, professional audio, mobile, health and wellness with partners throughout the world who join Monster in their commitment to **"Always Lead and Never Follow".**



MPI Marine

MPI Electronic was founded in 1975 in Milan, **Italy,** launching a pioneering activity of import and distribution of **Hi-Fi products,** expanded a few years later with the opening of a department dedicated to Professional Audio and to DJ world. Having established itself in a short time as a leading company in the field, it represented and represents in exclusive for Italy a wide selection of the most prestigious and coveted brands, the ones that have literally made the **history of High Fidelity** and that still today are the main architects in broadening its horizons.

The formula, the fundamental ingredient at the basis of our company's success, rests from the very beginning on the simplest and most genuine concept of 'quality': quality of products, quality of services, quality of communication.

An innate aptitude for innovation, a meticulous logistical organisation, the implementation of advanced management systems, a network of sales agents covering the entire national territory and a marked dedication to support and assistance services, translates into an extremely reliable and efficient workflow, guaranteeing us a constant process of growth and consolidation.

Music speaks an universal language, capable of conveying the purest and most instinctive emotions. The set of equipments that allows the music to be reproduced with the highest possible 'high fidelity' has the power to intensify these emotions, to make them stronger and more vivid. In short, they improve the quality - again, the 'quality' - of life. This is testified to by the many generations of music and Hi-Fi enthusiasts who have relied on our products and our services over the decades.

MPI Electronic today conveys its own philosophy and the same quality criteria in the Marine sector, proposing **Hi-Fi / Home Cinema systems and installations of absolute top level**, a concrete and relevant added value in a context where refinement, taste, sensoriality and functionality merge into an harmonious, musical whole.

MONSTER MARINE

MPI MARINE
YACHTING SOUND EXCELLENCE

Prior to founding **Monster Cable** Products Inc in **1979**, **Noel Lee** was a laser-fusion design engineer, as well as an audiophile and a professional drummer. Lee was part of the wave that, back in the days, discovered that cables of different constructions, thicknesses, weaves, materials, dielectrics and terminations can indeed deliver varying degrees of performance gains.
Instead of treating cables with the seriousness best reserved for surgical equipment or religion, what he did was to inject some fun. He chose the name “Monster” because it sounded strong and powerful, creating a brand that very quickly became well known all over the world and destined to earn, over time, the status of an actual legend. Monster Cable’s debut speaker wire was made up of over 500 fine copper strands with a clear vinyl sleeve, that produced a very flexible and attractive cable with, above all, unprecedented sound quality. After this success, Monster Cable made a cable for any role, function or purpose that required a wire connection, soon becoming not only a world-wide leader but, literally as a matter of fact for everyone, the very synonym for “cable”.

MPI Electronic is an historical company in the **Italian audio industry**, unquestionably one of the most powerful. Thanks to dynamic marketing support, a widespread sales network and a qualified consultancy and assistance service, MPI Electronic has been able to build long-lasting and successful partnerships with some of the leading brands in the industry. One of these, you bet, is Monster. The **partnership between Monster and MPI Electronic** is a decades-long story, started over 30 years ago and thanks to which top notch quality cables began to enter the homes of millions of audio enthusiasts and professionals, hardcore gamers as well as anyone in need of the best and most reliable cables available.

In **2021**, on the basis of a collaboration between Ferretti Group and McIntosh/Sonus Faber, MPI Electronic entered in the Marine world and MPI Marine department had its origin.

MPI Marine team carry out **Hi-Fi and Home Cinema** installations on Wally Yachts using state of the art electronics and speakers, delivering an unparalleled audio experience.

In order to supply the final solution, **MPI Marine and Monster** conceived a **cooperation** with the goal to develop a dedicated line of cables for the Marine world, accurately designed to meet its specific requirements and the all-important certifications. The last word in terms of performance, safety and reliability.

Cables Catalogue

Speaker cables

MONSTER MMS25MM-P500

MONSTER MMS40MM-P500

MONSTER MMS60MM-P500

Balanced signal cables

MONSTER MMSXLR-P500

Ethernet cables

MONSTER MMSCAT6-P1000-ORG

MONSTER MMSCAT6-P1000-BLU

MMS25MM-P500

Spool of high performance bipolar speaker cable with electromechanical characteristics of high safety and reliability, ideal for Marine and Custom Installation applications - flame-retardant certification for spread on single cable and on bunched cables in the most unfavourable vertical installation conditions - twisted multi-stranded conductors with 2x 2.5mm2 (AWG13) cross-sectional area in high purity copper with external tinning to prevent oxidation and corrosion, guaranteeing maximum longevity together with constant and optimal performance over time - 0.85mm nominal thickness LSZH (Low Smoke Zero Halogen) insulating sheat - overall outer dimensions 4 x 8mm (+/- 0.2mm) - maximum applicable voltage 300V RMS - supported temperatures: from -20 to +75 degrees Celsius - CE / ROHS / IEC 60332-1 / IEC 60332-3-22 certifications - Dark Gray colour - 500 feet (150 metres) spool.

Speaker Cable V 2.0 MMS25MM-P

Construction

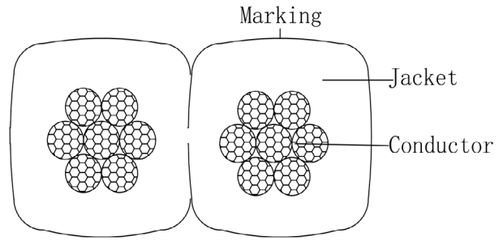
Component 1	
Material	Tinned Copper
AWG	2.5mm²
Strands	222
Strand AWG	0.12mm
Twist	1"RH Lay
Insulation	LSZH
Nom tichness	0.85mm
Min thickness	0.68mm
O.D.	
Component 2	
Material	Tinned Copper
AWG	2.5mm²
Strands	222
Strand AWG	0.12mm
Twist	1"RH Lay
Insulation	LSZH
Nom tichness	0.85mm
Min thickness	0.68mm
O.D.	

Markings - Silver, 1/3 cable diameter, every 12". "-X" replaced by vendor code.

MONSTER CABLE®· 2.5mm Compact Stranded Performance Speaker Wire ·MMS25MM-P·1 ft.

Drawings

*not to scale



Performance

Electrical Characteristics	
Max DC Resistance (Ω/500 ft.) at 20° C	1.15
Min Insulation DC Resistance (Ω/1000 ft.)	
Max Voltage	300 v RMS
Temperature	-20° C to 75° C

Complete Cable Construction

Component	2
Dark Gray and Dark Gray w/White Line	
Rip cord	NA
Insulation	LSZH
Thickness	
Nominal O.D .	4.0x 8.0 +/- 0.2mm
Color	Dark Gray
Twist	25.5 Lbs/500 ft.

Mechanical Characteristics:	
Before Aging:	
Tensile Strength (mpa)	>=10.3
Elongation (%)	>=100
Aging Condition (C x hrs)	100 x 168
After Aging:	
Tensile Strength (mpa)	>=85% of unaged
Elongation (%)	>=50% of unaged
Cold Bend (-20°C±2°C x 4hrs)	No crack

Certifications

IEC	IEC 60332-1
IEC	IEC 60332-3-22
CE	CE
Environmental	ROHS

Other

I. Spools -0/+1% to exact dimensions.
II. No random shorts accepted.
III. One piece per spool, no shorts.

FG SKUs

MMS25MM-P500

MMS40MM-P500

Spool of high performance bipolar speaker cable with electromechanical characteristics of high safety and reliability, ideal for Marine and Custom Installation applications - flame-retardant certification for spread on single cable and on bunched cables in the most unfavourable vertical installation conditions - twisted multi-stranded conductors with 2x 4.0mm2 (AWG11) cross-sectional area in high purity copper with external tinning to prevent oxidation and corrosion, guaranteeing maximum longevity together with constant and optimal performance over time - 1mm nominal thickness LSZH (Low Smoke Zero Halogen) insulating sheat - overall outer dimensions 5 x 10mm (+/- 0.2mm) - maximum applicable voltage 300V RMS - supported temperatures: from -20 to +75 degrees Celsius - CE / ROHS / IEC 60332-1 / IEC 60332-3-22 certifications - Dark Gray colour - 500 feet (150 metres) spool.

Speaker Cable V 2.0 MMS40MM-P

Construction

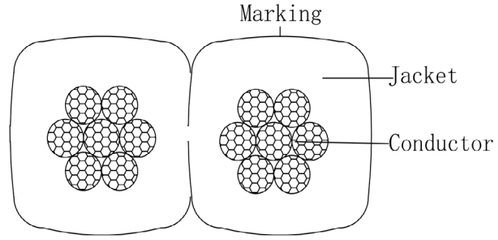
Component 1	
Material	Tinned Copper
AWG	4.0mm²
Strands	200
Strand AWG	0.16mm
Twist	1"RH Lay
Insulation	LSZH
Nom tichness	1.0mm
Min thickness	0.8mm
O.D.	
Component 2	
Material	Tinned Copper
AWG	4.0mm²
Strands	200
Strand AWG	0.16mm
Twist	1"RH Lay
Insulation	LSZH
Nom tichness	1.0mm
Min thickness	0.8mm
O.D.	

Markings - Silver, 1/3 cable diameter, every 12". "-X" replaced by vendor code.

MONSTER CABLE®· 4.0mm Compact Stranded Performance Speaker Wire ·MMS40MM-P·1 ft.

Drawings

*not to scale



Performance

Electrical Characteristics	
Max DC Resistance (Ω/500 ft.) at 20° C	0.71
Min Insulation DC Resistance (Ω/1000 ft.)	
Max Voltage	300 v RMS
Temperature	-20° C to 75° C

Complete Cable Construction

Component	2
Dark Gray and Dark Gray w/White Line	
Rip cord	NA
Insulation	LSZH
Thickness	
Nominal O.D .	5.0x 10.0 +/- 0.2mm
Color	Dark Gray
Twist	84.5 Lbs/500 ft.

Mechanical Characteristics:	
Before Aging:	
Tensile Strength (mpa)	>=10.3
Elongation (%)	>=100
Aging Condition (C x hrs)	100 x 168
After Aging:	
Tensile Strength (mpa)	>=85% of unaged
Elongation (%)	>=50% of unaged
Cold Bend (-20°C±2°C x 4hrs)	No crack

Certifications

IEC	IEC 60332-1
IEC	IEC 60332-3-22
CE	CE
Environmental	ROHS

Other

I. Spools -0/+1% to exact dimensions.
II. No random shorts accepted.
III. One piece per spool, no shorts.

FG SKUs

MMS40MM-P500

MMS60MM-P500

Spool of high performance bipolar speaker cable with electromechanical characteristics of high safety and reliability, ideal for Marine and Custom Installation applications - flame-retardant certification for spread on single cable and on bunched cables in the most unfavourable vertical installation conditions - twisted multi-stranded conductors with 2x 6.0mm2 (AWG9.5) cross-sectional area in high purity copper with external tinning to prevent oxidation and corrosion, guaranteeing maximum longevity together with constant and optimal performance over time - 1.3mm nominal thickness LSZH (Low Smoke Zero Halogen) insulating sheat - overall outer dimensions 6.2 x 12.3mm (+/- 0.3mm) - maximum applicable voltage 300V RMS - supported temperatures: from -20 to +75 degrees Celsius - CE / ROHS / IEC 60332-1 / IEC 60332-3-22 certifications - Dark Gray colour - 500 feet (150 metres) spool.

Speaker Cable V 2.0 MMS60MM-P

Construction

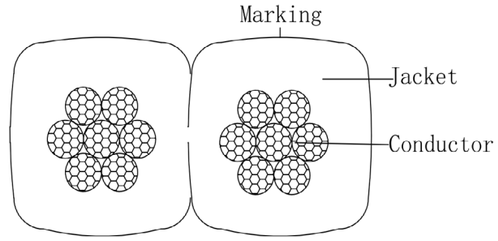
Component 1	
Material	Tinned Copper
AWG	6.0mm²
Strands	532
Strand AWG	0.12mm
Twist	1"RH Lay
Insulation	LSZH
Nom tichness	1.3mm
Min thickness	1.0mm
O.D.	
Component 2	
Material	Tinned Copper
AWG	6.0mm²
Strands	532
Strand AWG	0.12mm
Twist	1"RH Lay
Insulation	LSZH
Nom tichness	1.3mm
Min thickness	1.0mm
O.D.	

Markings - Silver, 1/3 cable diameter, every 12". "-X" replaced by vendor code.

MONSTER CABLE®· 6.0mm Compact Stranded Performance Speaker Wire ·MMS60MM-P·1 ft.

Drawings

*not to scale



Performance

Electrical Characteristics	
Max DC Resistance (Ω/500 ft.) at 20° C	0.46
Min Insulation DC Resistance (Ω/1000 ft.)	
Max Voltage	300 v RMS
Temperature	-20° C to 75° C

Complete Cable Construction

Component	2
Dark Gray and Dark Gray w/White Line	
Rip cord	NA
Insulation	LSZH
Thickness	
Nominal O.D .	6.2x 12.4 +/- 0.3mm
Color	Dark Gray
Twist	60 Lbs/500 ft.

Mechanical Characteristics:	
Before Aging:	
Tensile Strength (mpa)	>=10.3
Elongation (%)	>=100
Aging Condition (C x hrs)	100 x 168
After Aging:	
Tensile Strength (mpa)	>=85% of unaged
Elongation (%)	>=50% of unaged
Cold Bend (-20°C±2°C x 4hrs)	No crack

Certifications

IEC	IEC 60332-1
IEC	IEC 60332-3-22
CE	CE
Environmental	ROHS

Other

I. Spools -0/+1% to exact dimensions.
II. No random shorts accepted.
III. One piece per spool, no shorts.

FG SKUs

MMS60MM-P500

MONSTER MMSXLR-P500

Spool of high performance shielded bipolar balanced microphone cable with electromechanical characteristics of high safety and reliability, ideal for Marine and Custom Installation applications - flame-retardant certification for spread on single cable and on bunched cables in the most unfavourable vertical installation conditions - twisted multi-stranded conductors with 2x 0,2mm2 (AWG24) cross-sectional area in high purity copper with external tinning to prevent oxidation and corrosion, guaranteeing maximum longevity together with constant and optimal performance over time - double shielding with aluminum/mylar foil and tinned copper spiral with 90% minimum coverage area - 0.44mm nominal thickness polyolefin insulating sheats for the internal conductors - 6mm (+/- 0.2 mm) overall diameter LSZH (Low Smoke Zero Halogen) external insulating sheat - maximum applicable voltage 300V RMS - supported temperatures: from -20 to +75 degrees Celsius - CE / EU RoHS 2002/95/EC / IEC 60332-1 / IEC 60332-3-22 certifications - Dark Gray colour - 500 feet (150 metres) spool

Microphone Cable V 2.0 MMSXLR-P

Construction

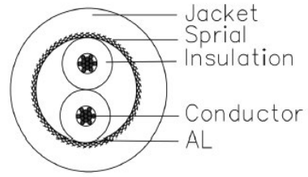
Component 1	
Material	Tinned Copper
AWG	24AWG
Strands	19
Strand AWG	0.12mm
Twist	1"RH Lay
Insulation	Polyolefin
Nom tichness	0.44mm
Min thickness	0.35mm
O.D.	1.5=/-0.1mm
Color	Black
Component 2	
Material	Tinned Copper
AWG	24AWG
Strands	19
Strand AWG	0.12mm
Twist	1"RH Lay
Insulation	Polyolefin
Nom tichness	0.44mm
Min thickness	0.35mm
O.D.	1.5+/-0.1mm
Color	White

Markings - Silver, 1/3 cable diameter, every 12". "-X" replaced by vendor code.

MONSTER CABLE®· Performance Microphone/ XLR 24AWG Cable with Double Density Shielding · MMSXLR-P·1 ft.

Drawings

*not to scale



Performance

Electrical Characteristics	
Max DC Resistance (Ω/500 ft.) at 20° C	13.50
Min Insulation DC Resistance (Ω/1000 ft.)	
Max Voltage	300 v RMS
Temperature	-20° C to 75° C

Complete Cable Construction

Component	NA
Shield	
Material	Aluminum Mylar
Color	25% MIN
Spiral	
Material	Tinned Copper
Strands	64
Strand AWG	0.12mm
Coverage	90% MIN
Jacket	LSZH
Thickness	
Nominal O.D .	6.0 +/- 0.2mm
Color	Dark Gray
Weight / 500 ft.	15Lbs/500 ft.
Twist	15Lbs/500 ft.

Mechanical Characteristics:

Before Aging:	
Tensile Strength (mpa)	>=10.3
Elongation (%)	>=100
Aging Condition (C x hrs)	100 x 168
After Aging:	
Tensile Strength (mpa)	>=85% of unaged
Elongation (%)	>=50% of unaged
Cold Bend (-20°C±2°C x 4hrs)	No crack

Certifications

IEC	IEC 60332-1
IEC	IEC 60332-3-22
Environmental	EU RoHS 2002/95/EC

Other

I. Spools -0/+1% to exact dimensions.
II. No random shorts accepted.
III. One piece per spool, no shorts.

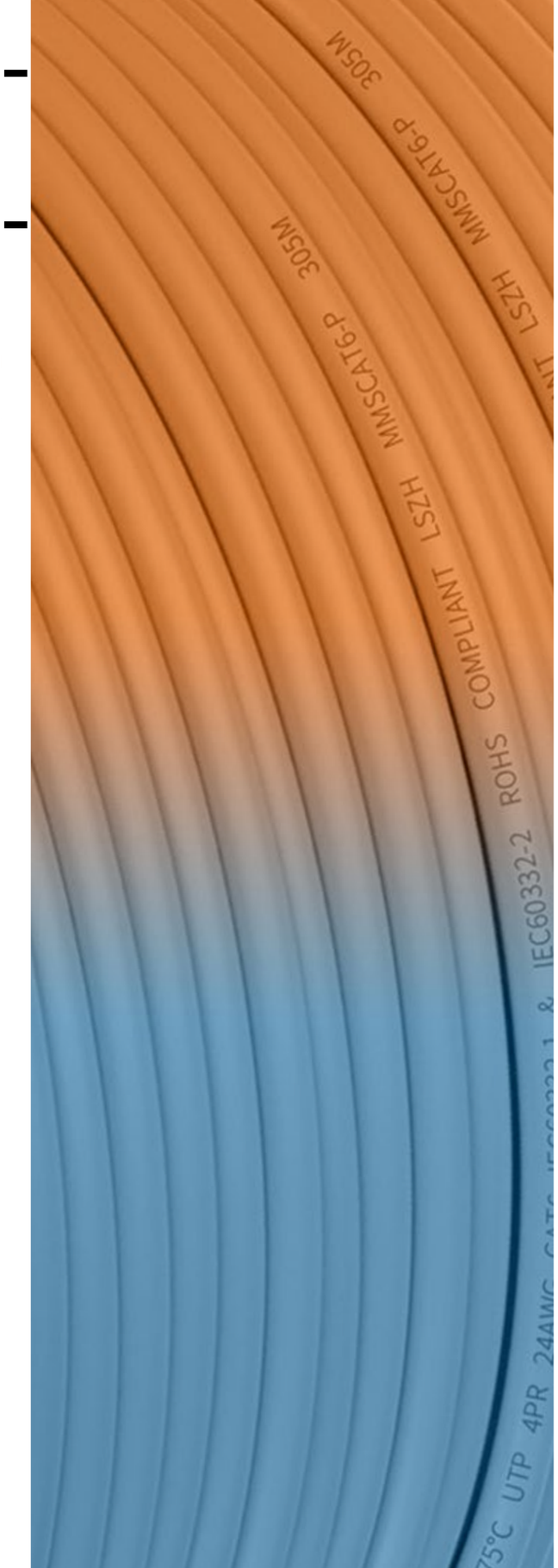
FG SKUs

MMSXLR-P500

MONSTER MMSCAT6-P1000-ORG

MONSTER MMSCAT6-P1000-BLU

Spool of high performance CAT6 Ethernet network cable with electromechanical characteristics of high safety and reliability, ideal for Marine and Custom Installation applications - flame-retardant certification for spread on single cable and on bunched cables in the most unfavourable vertical installation conditions - 4x pairs of twisted 0.2mm2 (AWG24) annealed solid core copper conductors with individual colour-coded polyolefin insulating sheaths (blue - white/blue, orange - white/orange, green - white/green, brown - white/brown) - 0.55mm nominal thickness LSZH (Low Smoke Zero Halogen) outer insulating sheat - overall outer diameter 5.8mm (+/- 0.2mm) - CE / ROHS / IEC 60332-1 / IEC 60332-3-22 certifications - Blue colour / Orange colour - 1000 feet (300 metres) spool



Ethernet Cable V 2.0 MMSCAT6-P

Construction

Structure:

Conductor:

Material	Bare anneald Solid Copper
Size	24AWG
Construction	1/0.540mm

Insulation:

Min. Average Thickness:	0.20mm
Min. Thickness of any point:	0.18mm
Material:	Polyolefins (PO)
Core color and Diameter:	
Blue——White/Blue:	0.96±0.05mm
Orange——White/Orange:	0.93±0.05mm
Green——White/Green:	0.96±0.05mm
Brown——White/Brown:	0.93±0.05mm
Twist-Pair:	2 Cores stranded
Assembley:	4 Pairs stranded
Filler:	LSZH Slot

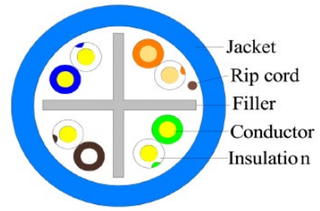
Jacket:

Nom. Average Thickness:	0.55mm
Cable Diameter:	5.80± 0.20mm
Filler:	Rip Cord
Material:	Low smoke zero halogen (LSZH)
Color:	Per customer requirement

Markings:

MONSTER CABLE®· 75C UTP 4PR 24AWG CAT6
IEC60332-1 & IEC60332-3-22 RoHS COMPLIANT LSZH
MMSCAT6-P XXXm

Drawings *not to scale



Physical Character

Insulation:

(100±1.0C x 48h)	Unaged	Aged
Tensile Strength	1200 PSI MIN.	75% Unaged MIN.
Elongation	100% MIN.	75% Unaged MIN.

Jacket:

(100±1.0C x 240h)	Unaged	Aged
Tensile Strength	1500 PSI MIN.	45% Unaged MIN.
Elongation	100% MIN.	50% Unaged MIN.
Heat Shock Test:		No Crack (121±2.0C x 1h)
Cold Bend Test:		No Crack (-20±1.0C x 4h)
Dielectric Strength:		1.5KV ac for 2s
Heat Shock Test:		IEC 60332-1 & IEC 60332-3-22

Electrical Character:

DC-Resistance (Max. At 20C):	9.8 Ω/100m
DC-Resistance Unbalance (Max.):	5%
Pair-to-Ground Capacitance Unbalance (Max.):	330pF/100m
Nominal Impedance (1~100MHZ):	100±15 Ω

Freq. MHZ	ATT Max. dB/100m	NEXT Min. dB/100m	PSNEXT Min. dB/100m	ACR Min. dB/100m	PSACR Min. dB/100m	ACRF Min. dB/100m	PSACRF Min. dB/100m	RL Min. dB/100m
1	2.0	74.3	72.3	72.3	70.3	67.8	64.8	20.0
4	3.8	65.3	63.27	61.5	59.5	55.8	52.8	23.0
8	5.3	60.8	58.8	55.4	53.4	49.7	46.7	24.5
10	6.0	59.3	57.3	53.4	51.4	47.8	44.8	25.0
16	7.6	56.2	54.2	48.9	46.7	43.7	40.7	25.0
20	8.5	54.8	52.8	46.3	44.3	41.8	28.8	25.0
25	9.5	53.3	51.3	43.8	41.8	39.8	36.8	24.3
31.25	10.7	51.9	49.9	41.2	39.2	37.9	34.9	23.6
62.5	15.4	47.4	45.4	32.0	30.0	31.9	28.9	21.5
100	19.8	44.3	42.3	24.5	22.5	27.8	24.8	20.1
150	24.7	41.7	40.0	17.0	15.0	24.3	21.3	18.9
200	29.0	39.8	37.8	10.8	8.8	21.8	18.8	18.0
250	32.8	38.3	26.3	5.5	3.5	19.8	16.8	17.3
300	36.4	37.1	35.1	0.72	N.A	18.3	15.3	16.8
350	39.8	36.1	34.1	N.A	N.A	17.0	14.0	16.3
400	43.0	35.3	33.3	N.A	N.A	15.8	13.8	15.9
500	48.9	33.8	31.8	N.A	N.A	13.8	10.8	15.2
550	51.8	33.2	31.2	N.A	N.A	13.0	10.0	14.9

#Values above 250MHz are for information only

The Environmental Statement:

All the parts, materials and products conform to RoHS and Reach.

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MARINE
YACHTING SOUND EXCELLENCE