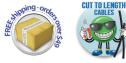
1-800-633-0405 **Cat6 Ethernet**



onductor Material Tinned Copper Conductor Insulation Wall Thickness 0.011 in, nominal onductor Assembly 4 twisted pairs Bare Conductor Diameter 0.019 in, nominal olor Code Pair 1 Blue, White/Blue Insulated Conductor Diameter 0.019 in, nominal Pair 2 Orange, White/Orange Twisted Conductor Diameter 0.023 in, nominal Pair 3 Green, White/Green Overall Cable Diameter 0.023 in, nominal Pair 4 Brown, White/Brown Jacket Toickness 0.023 in, nominal emperature Rating -20 to 75 °C (-4 to 167 °F) Jacket Material Iow smoke zero halogen (LSZH) lenum No Sunlight Resistant No nield Shielded Oil Resistance No onductor Insulation High-density Polyethylene (HDPE) Sample Print Legend OuABBIN DATAMAX LS2H 6F/ UTP PATCH CORD PM xoox - PATENT PENDING - QUILUS TYPE Dinamber 0.011 ± 15 (1 - 250 MHz) UL Classification NEC (UL) TYPE CM-LS; CEC C (UL) TYPE CM-LS apacitance 103 ± 15 (0 (+ 20 MHz) UL Classification NEC (UL) TYPE CM-LS; CEC C (UL) TYPE CM-LS ap	Q2025-1 Cable Specifications								
Physical Properties Onductor Gauge 26 AWG Conductor Stranding 7-Stranded Tinned Copper onductor Material Tinned Copper Conductor Insulation Wall 0.011 in, nominal onductor Assembly 4 twisted pairs Bare Conductor Diameter 0.019 in, nominal Pair 1 Blue, White/Drange Twisted Conductor Diameter 0.041 in, nominal Pair 2 Orange, White/Green Overall Cable Diameter 0.031 in, nominal Pair 4 Brown, White/Brown Jacket Color Black oltage Rating 300V Jacket Material Iow smokezer holgen (LSZH) term No Sunlight Resistant No hield Shielded Oil Resistance No onductor Insulation laterial High-density Polyethylene (HDPE) Sample Print Legend QUABBIN DATAMAX LSH 67 (UTP PATCH CORD PM Xxxxx - PATENT PENDINO - C(UL) US TYPE CM-US (SECU CUL) TYPE CM-US (Part Number	Wire/Cable Type	Flexibility			Price per foot	
onductor Gauge 26 AWG Conductor Stranding 7-Stranded Tinned Copper onductor Material Tinned Copper Conductor Insulation Wall Thickness 0.011 in, nominal onductor Assembly 4 twisted pairs Bare Conductor Diameter 0.019 in, nominal onductor Assembly 4 twisted pairs Bare Conductor Diameter 0.019 in, nominal olor Code Pair 1 Blue, White/Blue Insulated Conductor Diameter 0.041 in, nominal Pair 3 Green, White/Breen Overall Cable Diameter 0.023 in, nominal Pair 4 Brown, White/Brown Jacket Color Black oltage Rating 300V Jacket Color Black emperature Rating -20 to 75 °C (-4 to 167 °F) Jacket Material low smoke zero halogen (LSZH) lenum No Sunlight Resistant No nielded Oil Resistance No No onductor Insulation High-density Polyethylene (HDPE) Sample Print Legend QUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD PM xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx			<u>Q2025-1</u>	Cat6 Ethernet	Semi-flexible	20	0.02	\$0.88	
Onductor Material Tinned Copper Conductor Insulation Wall 0.011 in, nominal Onductor Material Tinned Copper Conductor Insulation Wall 0.011 in, nominal Onductor Assembly 4 twisted pairs Bare Conductor Diameter 0.019 in, nominal Olor Code Pair 1 Blue, White/Blue Insulated Conductor Diameter 0.041 in, nominal Pair 3 Green, White/Green Overall Cable Diameter 0.023 in, nominal Pair 4 Brown, White/Brown Jacket Color Black oltage Rating 300V Jacket Thickness 0.023 in, nominal emperature Rating -20 to 75 °C (4 to 167 °F) Jacket Material Iow smoke zero halogen (LSZH) lenum No Sunlight Resistant No No nain Yes Flame Retardant Yes onductor Insulation High-density Polyptelyne (HDPE) Sample Print Legend OUABBIN DATAMAX LS2H 6 F/ UTP PATCH CORD (SULVINT PPE CM-LS 26 AWG 75C – RoHS – (LOT DESIGNATOR) (SECULVITA FOOTAGE) baled Core Diameter 100 ± 15 Ω (1 - 250 MHz) UL Classification NEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS 26 CM/LS 26 AWG 75C – RoHS – (LOT DESIGNATOR) (SECULVITA				Physi	cal Properties				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Conductor Gauge		26 AWG		Conductor Stranding		7-Stranded Tinned Copper		
$ \begin{array}{ c c c c c c } \hline Pair 1 & Blue, White/Blue & Insulated Conductor Diameter & 0.041 in, nominal \\ \hline Pair 2 & Orange, White/Orange & Twisted Conductor Diameter & 0.081 in, nominal \\ \hline Pair 3 & Green, White/Orange & Overall Cable Diameter & 0.230 in, nominal \\ \hline Pair 4 & Brown, White/Brown & Jacket Color & Black \\ \hline Pair 4 & Brown, White/Brown & Jacket Color & Black \\ \hline Pair 4 & Brown, White/Brown & Jacket Color & Black \\ \hline Pair 4 & Brown, White/Brown & Jacket Color & Black \\ \hline Pair 4 & Brown, White/Brown & Jacket Thickness & 0.023 in, nominal \\ \hline Pair 4 & Brown, White/Brown & Jacket Material & Iow smoke zero halogen (LSZH) \\ \hline Benperature Rating & -20 to 75 °C (-4 to 167 °F) & Jacket Material & Iow smoke zero halogen (LSZH) \\ \hline Ienum & No & Sunlight Resistant & No \\ \hline hield & Shielded & Oil Resistance & No \\ \hline rain & Yes & Flame Retardant & Yes \\ \hline onductor Insulation \\ aterial & Yes & Old The State Color & No \\ \hline Inimum Bend Radius & 2.30in \\ abled Core Diameter & 0.177 in & Sample Print Legend \\ \hline Hough-density Polyethylene (HDPE) \\ \hline predance & 100 \pm 15 \Omega (1 - 250 MHz) & UL Classification & NEC (UL) TYPE CM-LS (CEC C(UL) $	Conductor Material		Tinned Copper				0.011 in, nominal		
Pair 2 Orange, White/Orange Twisted Conductor Diameter 0.081, n.ominal Pair 3 Green, White/Orange Overall Cable Diameter 0.081, n.ominal Pair 4 Brown, White/Orange Overall Cable Diameter 0.230 in, nominal Pair 4 Brown, White/Orange Overall Cable Diameter 0.231, n.ominal Pair 4 Brown, White/Orange Jacket Color Black oldage Rating 300V Jacket Thickness 0.023 in, nominal emperature Rating -20 to 75 °C (4 to 167 °F) Jacket Material low smoke zero halogen (LSZH) lenum No Sunlight Resistant No hield Shielded Oil Resistance No onductor Insulation High-density Polyethylene (HDPE) Sample Print Legend QUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD PN xxxx - PATENT PENDING - C(UL) US TYPE CM-LS 26 MVG 75C - R0HS - (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE) nabled Core Diameter 0.177 in Sample Print Legend QUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD PN xxxx - PATENT PENDING - C(UL) US TYPE CM-LS 26 MVG 75C - R0HS - (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE) npedance 100 ± 15 \Omega (1 - 250 MHz) UL Classification NEC (UL) TYPE CM-LS;	Conductor Assembly		4 twisted pairs		Bare Conductor Diameter		0.019 in, nominal		
Pair 3 Green, White/Green Overall Cable Diameter 0.230 in, nominal Pair 4 Brown, White/Brown Jacket Color Black Oldrage Rating 300V Jacket Color Black emperature Rating -20 to 75 °C (-4 to 167 °F) Jacket Material low smoke zero halogen (LSZH) lenum No Sunlight Resistant No hield Shielded Oil Resistance No onductor Insulation laterial High-density Polyethylene (HDPE) Sample Print Legend QUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD PIN xxxx - PATENT PENDING C(UL)US TYPE CML S 26 AWG 75C RoHS (LOT DESIGNATOR) (SEQUENTIL FOOTAGE) mpedance 100 ± 15 Ω (1 - 250 MHz) UL Classification NEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS (SEQUENTIL FOOTAGE) apacitance 13.5 pF/ft @ 1MHz; Nominal Approvals** cULus, RoHs esistance, Max. 42.6 Ω DC per 1000ft Attenuation Crosstalk Ratio, Far End (ACRF) 1 ≤ f ≤ 250 MHz: 15[1.808-(f + 0.017(f + 0.21/c)[f] dB MAX 11 ≤ f < 250 MHz: 20 + 5 LOG(f/100) dB MIN 20 ≤ f < 250 MHz: 20 + 5 LOG(f/100) dB MIN 20 ≤ f < 250 MHz: 20 + 5 LOG(f/100) dB MIN 20 ≤ f < 250 MHz: 20 + 5 LOG(f/100) dB MIN 20 ≤ f < 250 MHz: 21.5 1 LOG(f/100) dB MIN 20 ≤ f < 250 MHz: 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz: 42.3 - 15 LOG(f/100)	Color Code	Pair 1	Blue, White/Blue		Insulated Conductor Diameter		0.041 in, nominal		
Pair 3 Pair 4Green, White/GreenOverall Cable Diameter0.230 in, nominalPair 4Brown, White/BrownJacket ColorBlackoldage Rating300VJacket ColorBlackemperature Rating-20 to 75 °C (-4 to 167 °F)Jacket Materiallow smoke zero halogen (LSZH)lenumNoSunlight ResistantNohieldShieldedOil ResistanceNonieldShieldedOil ResistanceNorainYesFlame RetardantYesonductor Insulation laterialHigh-density Polyethylene (HDPE)linimum Bend Radius2.30inSample Print Legendabled Core Diameter0.177 inOULBESINDG - C(UL)US TYPE CM-LS 26 AWG 75C - ROHS - (LD DESIGNATOR) (SEQUENTIAL FOOTAGE)mpedance100 ± 15 Ω (1 - 250 MHz)UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS daws 75 + CLUS 80 AWG 75C - ROHS - (LD DESIGNATOR) (SEQUENTIAL FOOTAGE)sesistance, Max.42 6 Ω DC per 1000ftAttenuation Crosstalk Ratio, Far End (ACRF) $1 \le f \le 250$ MHz: 27.8 - 20 LOG(f/100) dB MIN 10 ≤ f < 200 HHz: 20 + 5 LOG(f/100) dB MIN 20 ≤ f < 250 MHz: 20 + 5 LOG(f/100) dB MIN 20 ≤ f < 250 MHz: 24.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz: 24.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz: 24.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz: 24.3 - 15 LOG(f/100) dB MIN CL1 ≤ f < 250 MHz: 23.0 - 10 LOG(f/100)cL1 ≤ f < 250 MHz: 30 - 10 LOG(f/100)B MINcL1 ≤ f < 250 MHz: 30 - 10 LOG(f/100)		Pair 2	Orange, White/Orange		Twisted Conductor Diameter		0.081 in, nominal		
oltage Rating $300V$ Jacket Thickness 0.023 in, nominalemperature Rating -20 to 75 °C (-4 to 167 °F)Jacket Materiallow smoke zero halogen (LSZH)lenumNoSunlight ResistantNohieldShieldedOil ResistanceNorainYesFlame RetardantYesonductor Insulation laterialHigh-density Polyethylene (HDPE) 2016Sample Print LegendQUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD P/N xxxx - PATENT PENDING - C(ULUS TYPE 		Pair 3	Green, White/Green		Overall Cable Diameter		0.230 in, nominal		
Importure Rating emperature Rating-20 to 75 °C (4 to 167 °F)Jacket MaterialIow smoke zero halogen (LSZH)IenumNoSunlight ResistantNohieldShieldedOil ResistanceNorainYesFlame RetardantYesonductor Insulation laterialHigh-density Polyethylene (HDPE)Sample Print LegendQUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD PN xxxx - PATENT PENDING - QULUS TYPE CM-LS 26 AWG 75C - RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)abled Core Diameter0.177 inSample Print LegendQUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD PN xxxx - PATENT PENDING QULUS TYPE CM-LS 26 AWG 75C RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)mpedance100 ± 15 \Omega (1 - 250 MHz)UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS (SEQUENTIAL FOOTAGE)mpedance100 ± 15 \Omega (1 - 250 MHz)UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS (SEQUENTIAL FOOTAGE)apacitance13.5 pF/ft © 1MHz; NominalApprovals**cULus, RoHsesistance, Max.42.6 Ω DC per 1000ftAttenuation Crosstalk Ratio, Far End (ACRF)1 ≤ f ≤ 250 MHz; 27.8 - 20 LOG(f/100) dB MIN 10 ≤ f < 200 MHz; 25 dB MIN 20 ≤ f < 200 MHz; 24.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz; 42.3		Pair 4	Brown, White/Brown		Jacket Color		Black		
IdenumNoSunlight ResistantNohieldShieldedOil ResistanceNorainYesFlame RetardantYesonductor Insulation laterialHigh-density Polyethylene (HDPE)Multipleinimum Bend Radius2.30inSample Print LegendQUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD PIN xxxx PATENT PENDING - C(UL)US TYPE CM-LS 26 AWG 75C RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)abled Core Diameter0.177 inSample Print LegendQUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD PIN xxxx PATENT PENDING - C(UL)US TYPE CM-LS 26 AWG 75C RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)mpedance100 ± 15 Ω (1 - 250 MHz)UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS apacitanceapacitance13.5 pF/ft @ 1MHz; NominalApprovals**cULus, RoHsesistance, Max.42.6 Ω DC per 1000ftAttenuation Crosstalk Ratio, Far End (ACRF)1 ≤ f ≤ 250 MHz: 27.8 - 20 LOG(f/100) dB MIN dB MAXtielectric Withstanding, lin.1500V RMSInsertion Loss1 ≤ f ≤ 250 MHz: 24.8 - 20 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz: 25 - 8.6 LOG(f/20) dB MINPSear End Crosstalk veXT)1 ≤ f ≤ 250 MHz: 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz: 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz: 42.3 - 15 LOG(f/100) dB MIN CL1 ≤ f ≤ 250 MHz: 42.3 - 15 LOG(f/100) dB MIN CLCL1 ≤ f ≤ 250 MHz: 30 - 10 LOG(f/100)	Voltage Rating		300V		Jacket Thickness		0.023 in, nominal		
hieldShieldedOil ResistanceNorainYesFlame RetardantYesonductor Insulation laterialHigh-density Polyethylene (HDPE)Ample Print LegendQUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD P/N xxxx - PATENT PENDING - C(UL)US TYPE CM-LS 26 AWG 75C - RoHS - (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)abled Core Diameter0.177 inSample Print LegendQUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD P/N xxxx - PATENT PENDING - C(UL)US TYPE CM-LS 26 AWG 75C - RoHS - (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)mpedance100 ± 15 Ω (1 - 250 MHz)UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS apacitanceapacitance100 ± 15 Ω (1 - 250 MHz; NominalApprovals**cULus, RoHsesistance, Max.42.6 Ω DC per 1000ftAttenuation Crosstalk Ratio, Far End (ACRF)1 ≤ f ≤ 250 MHz; 27.8 - 20 LOG(f/100) dB MIN 10 ≤ f < 250 MHz; 25 + 5 LOG(f) dB MIN 20 ≤ f ≤ 250 MHz; 25 + 5 LOG(f) dB MIN 20 ≤ f ≤ 250 MHz; 25 + 5 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 25 + 5 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 24.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MIN 20 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MINcL1 ≤ f ≤ 250 MHz; 42.3 - 15 LOG(f/100) dB MINcL1 ≤	Temperature Rating		-20 to 75 °C (-4 to 167 °F)		Jacket Material		low smoke zero halogen (LSZH)		
NumberDescent of the second stateDescent of the second staterainYesFlame RetardantYesrainHigh-density Polyethylene (HDPE)Ample Print LegendQUABBIN DATAMAX LSZH 6 F / UTP PATCH CORD PIN xoxx - PATENT PENDING C(UL)US TYPE CM-LS 26 AWG 75C RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)abled Core Diameter0.177 inSample Print LegendQUABBIN DATAMAX LSZH 6 F / UTP PATCH CORD PIN xoxx PATENT PENDING C(UL)US TYPE CM-LS 26 AWG 75C RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)mpedance100 ± 15 Ω (1 - 250 MHz)UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS (SEQUENTIAL FOOTAGE)apacitance13.5 pF/ft @ 1MHz; NominalApprovals**cULus, RoHsesistance, Max.42.6 Ω DC per 1000ftAttenuation Crosstalk Ratio, Far End (ACRF)1 ≤ f ≤ 250 MHz; 27.8 - 20 LOG(f/100) dB MIN dB MAXielectric Withstanding, lin.1500V RMSInsertion Loss1 ≤ f ≤ 250 MHz; 1.5[1.808 \(f + 0.017(f + 0.2/\(f)] dB MAXteturn Loss1 ≤ f < 10 MHz; 20 + 5 LOG(f/ dB MIN 10 ≤ f < 250 MHz; 25.8.6 LOG(f/100) dB MIN 20 ≤ f < 250 MHz; 25.8.6 LOG(f/100) dB MIN 20 ≤ f < 250 MHz; 24.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz; 24.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz; 24.3 - 15 LOG(f/100) dB MIN 20 ≤ f < 250 MHz; 24.3 - 15 LOG(f/100) dB MIN cL1 ≤ f ≤ 250 MHz; 24.3 - 15 LOG(f/100) dB MIN (PSACRF)cL1 ≤ f < 250 MHz; 30 - 10 LOG(f/100)MIN H1 ≤ f ≤ 250 MHz; 30 - 10 LOG(f/100)	Plenum		No		Sunlight Resistant		No		
IntervalHigh-density Polyethylene (HDPE)Sample Print LegendQUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD P/N xxx PATENT PENDING C(UL)US TYPE CM-LS 26 AWG 75C RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)Ininimum Bend Radius2.30inSample Print LegendQUABBIN DATAMAX LSZH 6 F/ UTP PATCH CORD P/N xxx PATENT PENDING C(UL)US TYPE CM-LS 26 AWG 75C RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)Impedance 0.177 inUL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS (SEQUENTIAL FOOTAGE)Impedance $100 \pm 15 \Omega (1 - 250 MHz)$ UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS (SEQUENTIAL FOOTAGE)Impedance $100 \pm 15 \Omega (1 - 250 MHz)$ UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS (SEQUENTIAL FOOTAGE)Impedance $100 \pm 15 \Omega (1 - 250 MHz)$ UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS (SEQUENTIAL FOOTAGE)Impedance $100 \pm 15 \Omega (1 - 250 MHz)$ UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS (SEQUENTIAL FOOTAGE)Impedance $100 \pm 15 \Omega (1 - 250 MHz)$ UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS (SEQUENTIAL FOOTAGE)Impedance $100 \pm 15 \Omega (1 - 250 MHz)$ Impedance $1 \le f \le 250 MHz$ $1 \le f < 250 MHz$ Impedance $1 \le f < 100 MHz$ $20 \le f < 250 MHz$ Impedance $1 \le f \le 250 MHz$ Impedance $1 \le f \le 250 MHz$ $1 \le f$	Shield		Shielded		Oil Resistance		No		
IntervialHigh-density Polyethylene (HDPE)Sample Print LegendOutABAIN XX L52H 6 F / 0TP PATCH CORD P/N xxx PATENT PENDING C(UL)US TYPE CM-LS 26 AWG 75 C RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)Inimum Bend Radius2.30inSample Print LegendPUN xxx PATENT PENDING C(UL)US TYPE CM-LS 26 AWG 75 C RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)Inpedance 0.177 inUL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS cULus, RoHsapacitance $100 \pm 15 \Omega (1 - 250 \text{ MHz})$ UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS cULus, RoHsesistance, Max. 42.6Ω DC per 1000ftAttenuation Crosstalk Ratio, Far End (ACRF) $1 \le f \le 250$ MHz: 27.8 - 20 LOG(f/100) dB MIN dB MAXielectric Withstanding, In. $1500V$ RMSInsertion Loss $1 \le f \le 250$ MHz: 27.8 - 20 LOG(f/100) dB MIN $10 \le f \le 250$ MHz: 25 - 8.6 LOG(f/20) dB MIN $20 \le f \le 250$ MHz: 25 - 8.6 LOG(f/20) dB MINPSPower Sum Attenuation to Crosstalk Ratio, Far End (PSACRF) $1 \le f \le 250$ MHz: 42.3 - 15 LOG(f/100) dB MIN CL $1 \le f \le 250$ MHz: 42.3 - 15 LOG(f/100) dB MIN $1 \le f \le 250$ MHz: 42.3 - 15 LOG(f/100) dB MIN CL $1 \le f \le 250$ MHz: 30 - 10 LOG(f/100)	Drain		Yes		Flame Retardant		Yes		
Linimum Bend Radius2.30inSample Print LegendCM-LS 26 AWG 75C RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)abled Core Diameter0.177 inCM-LS 26 AWG 75C RoHS (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)mpedance100 \pm 15 Ω (1 - 250 MHz)UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LS apacitanceapacitance13.5 pF/ft @ 1MHz; NominalApprovals**cULus, RoHsapacitance13.5 pF/ft @ 100 thtAttenuation Crosstalk Ratio, Far End (ACRF)1 \leq f \leq 250 MHz: 27.8 - 20 LOG(f/100) dB MIN dB MAXielectric Withstanding, lin.1500V RMSInsertion Loss1 \leq f \leq 250 MHz: 1.5[1.808 \ldot f + 0.017(f + 0.2/\ldot f] dB MAXteturn Loss1 \leq f $<$ 10 MHz: 20 + 5 LOG(f) dB MIN 20 \leq f $<$ 250 MHz: 25 - 8.6 LOG(f/20) dB MINPSPower Sum Attenuation to Crosstalk Ratio, Far End (PSACRF)1 \leq f \leq 250 MHz: 24.8 - 20 LOG(f/100) dB MIN 20 \leq f \leq 250 MHz: 44.3 - 15 LOG(f/100) dB MIN 20 \leq f \leq 250 MHz: 42.3 - 15 LOG(f/100) dB MIN cower Sum Near End rosstalk (PSNEXT)1 \leq f \leq 250 MHz: 42.3 - 15 LOG(f/100) dB MIN 20 \leq f \leq 250 MHz: 30 - 10 LOG(f/100)MIN MINcut Ls f \leq 250 MHz: 30 - 10 LOG(f/100)MIN MIN1 \leq f \leq 250 MHz: 30 - 10 LOG(f/100)	Conductor Insulation Material		High-density Polyethylene (HDPE)				P/N xxxx PATENT PENDING C(UL)US TYPE CM-LS 26 AWG 75C RoHS (LOT DESIGNATOR)		
Electrical Characteristics (for 100 meters of cable)Impedance100 ± 15 Ω (1 - 250 MHz)UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LSapacitance13.5 pF/ft @ 1MHz; NominalApprovals**cULus, RoHsesistance, Max.42.6 Ω DC per 1000ftAttenuation Crosstalk Ratio, Far End (ACRF) $1 \le f \le 250$ MHz; 27.8 - 20 LOG(f/100) dB MINielectric Withstanding, lin.1500V RMSInsertion Loss $1 \le f \le 250$ MHz; 27.8 - 20 LOG(f/100) dB MINteturn Loss1 \le f < 10 MHz; 20 + 5 LOG(f) dB MIN $10 \le f < 20$ MHz; 25 dB MIN $20 \le f \le 250$ MHz; 25 dB MIN $20 \le f \le 250$ MHz; 44.3 - 15 LOG(f/100) dB MINPower Sum Attenuation to Crosstalk Ratio, Far End 	Minimum Bend Radius		2.30in						
Impedance $100 \pm 15 \Omega (1 - 250 \text{ MHz})$ UL ClassificationNEC (UL) TYPE CM-LS; CEC C(UL) TYPE CM-LSapacitance $13.5 \text{ pF/ft} @ 1\text{ MHz}; \text{ Nominal}$ Approvals**cULus, RoHsesistance, Max. $42.6 \Omega \text{ DC per 1000ft}$ Attenuation Crosstalk Ratio, Far End (ACRF) $1 \le f \le 250 \text{ MHz}: 27.8 - 20 \text{ LOG}(f/100) \text{ dB MIN}$ ielectric Withstanding, lin. $1500 V \text{ RMS}$ Insertion Loss $1 \le f \le 250 \text{ MHz}: 27.8 - 20 \text{ LOG}(f/100) \text{ dB MIN}$ teturn Loss $1 \le f < 10 \text{ MHz}: 20 + 5 \text{ LOG}(f) \text{ dB MIN}$ $10 \le f < 20 \text{ MHz}: 25 + 8.6 \text{ LOG}(f/20) \text{ dB MINP}$ Power Sum Attenuation to Crosstalk Ratio, Far End (PSACRF) $1 \le f \le 250 \text{ MHz}: 24.8 - 20 \text{ LOG}(f/100) \text{ dB MIN}$ tear End Crosstalk VEXT) $1 \le f \le 250 \text{ MHz}: 44.3 - 15 \text{ LOG}(f/100) \text{ dB MIN}$ $1 \le f \le 250 \text{ MHz}: 24.8 - 20 \text{ LOG}(f/100) \text{ dB MIN}$ ower Sum Near End rosstalk (PSNEXT) $1 \le f \le 250 \text{ MHz}: 42.3 - 15 \text{ LOG}(f/100) \text{ dB MIN}$ $1 \le f \le 250 \text{ MHz}: 42.3 - 15 \text{ LOG}(f/100)$ CL $1 \le f \le 250 \text{ MHz}: 30 - 10 \text{ LOG}(f/100)$ MIN	Cabled Core Diameter		0.177 in						
apacitance13.5 pF/ft @ 1MHz; NominalApprovals**cULus, RoHsdesistance, Max.42.6 Ω DC per 1000ftAttenuation Crosstalk Ratio, Far End (ACRF) $1 \le f \le 250$ MHz; 27.8 - 20 LOG(f/100) dB MINielectric Withstanding, lin.1500V RMSInsertion Loss $1 \le f \le 250$ MHz; 1.5[1.808 \checkmark (f + 0.017(f + 0.2/ \checkmark (f)] dB MAXdeturn Loss $1 \le f < 10$ MHz; 20 + 5 LOG(f) dB MIN $10 \le f < 20$ MHz; 25 dB MIN $20 \le f \le 250$ MHz; 25 - 8.6 LOG(f/20) dB MINPSPower Sum Attenuation to Crosstalk Ratio, Far End (PSACRF) $1 \le f \le 250$ MHz; 24.8 - 20 LOG(f/100) dB MIN $1 \le f \le 250$ MHz; 44.3 - 15 LOG(f/100) dB MIN $1 \le f \le 250$ MHz; 42.3 - 15 LOG(f/100) dB MIN $1 \le f \le 250$ MHz; 42.3 - 15 LOG(f/100) dB MIN $1 \le f \le 250$ MHz; 30 - 10 LOG(f/100)Image: Comparison of the second se				Electrical Characteris	stics (for 100 meter	rs of cable)			
Attenuation Crosstalk Ratio, Far End (ACRF) $1 \le f \le 250 \text{ MHz: } 27.8 - 20 \text{ LOG}(f/100) \text{ dB MIN}$ ielectric Withstanding, lin.1500V RMSInsertion Loss $1 \le f \le 250 \text{ MHz: } 1.5[1.808 \left\left(f + 0.017(f + 0.2/\left\left(f))])eturn Loss1 \le f < 10 \text{ MHz: } 20 + 5 \text{ LOG}(f) \text{ dB MIN}10 \le f < 20 \text{ MHz: } 25 \text{ dB MIN}20 \le f \le 250 \text{ MHz: } 25 - 8.6 \text{ LOG}(f/20) \text{ dB MINPS}Power Sum Attenuation toCrosstalk Ratio, Far End(PSACRF)1 \le f \le 250 \text{ MHz: } 24.8 - 20 \text{ LOG}(f/100) \text{ dB MIN}wer Sum Near Endrosstalk (PSNEXT)1 \le f \le 250 \text{ MHz: } 42.3 - 15 \text{ LOG}(f/100) \text{ dB MIN}OutputImage: CL1 \le f \le 250 \text{ MHz: } 30 - 10 \text{ LOG}(f/100)$	Impedance								
resistance, Max.42.6 Ω DC per 1000tFar End (ACRF)1 $\leq f \leq 250$ MHz: 27.8 - 20 LOG(f/100) dB MINidectric Withstanding, lin.1500V RMSInsertion Loss $1 \leq f \leq 250$ MHz: 1.5[1.808 \/ (f + 0.017(f + 0.2/\/(f) dB MIN) dB MAXeturn Loss $1 \leq f < 10$ MHz: 20 + 5 LOG(f) dB MIN $10 \leq f < 20$ MHz: 25 dB MIN $20 \leq f \leq 250$ MHz: 25 dB MIN $20 \leq f \leq 250$ MHz: 25 - 8.6 LOG(f/20) dB MINPSPower Sum Attenuation to Crosstalk Ratio, Far End (PSACRF) $1 \leq f \leq 250$ MHz: 24.8 - 20 LOG(f/100) dB MINeear End Crosstalk NEXT) $1 \leq f \leq 250$ MHz: 44.3 - 15 LOG(f/100) dB MIN $1 \leq f \leq 250$ MHz: 42.3 - 15 LOG(f/100) dB MINPower Sum Attenuation to Crosstalk (PSNEXT) $1 \leq f \leq 250$ MHz: 42.3 - 15 LOG(f/100) dB MINCL $1 \leq f \leq 250$ MHz: 30 - 10 LOG(f/100)MINPower Sum Attenuation to Communication (PSACRF)Power Sum Attenuation to Crosstalk Ratio, Far End (PSACRF)	Capacitance		13.5 pF/ft @ 1	1MHz; Nominal			cULus, RoHs		
Inin.Insertion LossInsertion LossInsertion LossInin. $1 \le f < 10$ MHz: $20 + 5$ LOG(f) dB MIN $10 \le f < 20$ MHz: $25 + 5$ LOG(f) dB MIN $20 \le f \le 250$ MHz: $25 + 8.6$ LOG(f/20) dB MINPSPower Sum Attenuation to Crosstalk Ratio, Far End (PSACRF) $1 \le f \le 250$ MHz: $24.8 - 20$ LOG(f/100) dB MINImage: Sum Near End rosstalk (PSNEXT) $1 \le f \le 250$ MHz: $42.3 - 15$ LOG(f/100) dB MINImage: Sum Near End $1 \le f \le 250$ MHz: $30 - 10$ LOG(f/100)Image: Sum Near End rosstalk (PSNEXT) $1 \le f \le 250$ MHz: $42.3 - 15$ LOG(f/100)Image: Sum Near End $1 \le f \le 250$ MHz: $30 - 10$ LOG(f/100)	Resistance, Max.		42.6 Ω DC	per 1000ft					
Image: Peturn Loss $10 \le f < 20 \text{ MHz: } 25 \text{ dB MIN}$ Crosstalk Ratio, Far End $1 \le f \le 250 \text{ MHz: } 24.8 - 20 \text{ LOG}(f/100) \text{ dB MIN}$ Image: Peturn Loss $10 \le f < 200 \text{ MHz: } 25 - 8.6 \text{ LOG}(f/20) \text{ dB MINPS}$ Crosstalk Ratio, Far End $1 \le f \le 250 \text{ MHz: } 24.8 - 20 \text{ LOG}(f/100) \text{ dB MIN}$ Image: Peturn Loss $1 \le f \le 250 \text{ MHz: } 44.3 - 15 \text{ LOG}(f/100) \text{ dB MIN}$ Image: Peturn Loss $1 \le f \le 250 \text{ MHz: } 44.3 - 15 \text{ LOG}(f/100) \text{ dB MIN}$ Image: Peturn Loss $1 \le f \le 250 \text{ MHz: } 42.3 - 15 \text{ LOG}(f/100) \text{ dB MIN}$ Image: Peturn Loss Image: Peturn Loss Image: Peturn Loss $1 \le f \le 250 \text{ MHz: } 42.3 - 15 \text{ LOG}(f/100) \text{ dB MIN}$ Image: Peturn Loss Image: Peturn Loss Image: Peturn Loss $1 \le f \le 250 \text{ MHz: } 42.3 - 15 \text{ LOG}(f/100) \text{ dB MIN}$ Image: Peturn Loss Image: Peturn Loss Image: Peturn Loss $1 \le f \le 250 \text{ MHz: } 42.3 - 15 \text{ LOG}(f/100) \text{ dB MIN}$ Image: Peturn Loss Image: Peturn Loss Image: Peturn Loss $1 \le f \le 250 \text{ MHz: } 30 - 10 \text{ LOG}(f/100)$ Image: Peturn Loss Image: Peturn Loss Image: Peturn Loss $1 \le f \le 250 \text{ MHz: } 30 - 10 \text{ LOG}(f/100)$ Image: Peturn Loss Image: Peturn Loss Image: Peturn Loss	Dielectric Withstanding, Min.				Insertion Loss				
NEXT) $1 \le f \le 250 \text{ MHz}$: 44.3 - 15 LOG(f/100) dB MIN ower Sum Near End $1 \le f \le 250 \text{ MHz}$: 42.3 - 15 LOG(f/100) dB MIN CL $1 \le f \le 250 \text{ MHz}$: 30 - 10 LOG(f/100)	Return Loss		$10 \le f < 20 \text{ MHz}$: 25 dB MIN		Crosstalk Ratio, Far End		1 ≤ f ≤ 250 MHz: 24.8 - 20 LOG(f /100) dB MIN		
Prosstalk (PSNEXT) $1 \le f \le 250 \text{ MHz}: 42.3 - 15 \text{ LOG}(f/100) \text{ dB MIN}$ CL $1 \le f \le 250 \text{ MHz}: 30 - 10 \text{ LOG}(f/100)$	Near End Crosstalk (NEXT)		1 ≤ <i>f</i> ≤ 250 MHz: 44.3	- 15 LOG(<i>f</i> /100) dB MIN					
	Power Sum Near End Crosstalk (PSNEXT)		1 ≤ f ≤ 250 MHz: 42.3 - 15 LOG(f /100) dB MIN		Cross Section				
	TCL								
	ELTCTL								
elocity of Propagation 0.68	Velocity of Propagation		0.	68	-				
	Delay		1 ≤ <i>f</i> ≤ 250 MHz: 5	34 + 36/√(<i>f</i> ns MAX	-				
elay Skew $1 \le f \le 250 \text{ MHz: } <45 \text{ns}$	Delay Skew		$1 \le f \le 250 \text{ MHz: } <45 \text{ns}$						

* See web store www.AutomationDirect.com for maximum cut lengths

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