JAMES	S MON	IROE
WIRE AND C	Able corp	ORATION

GENERAL PRODUCT SPECIFICATION Phone 800-316-8877 Fax 978-368-1275 www.jamesmonroewire.com

WIKE AND	U GABLE GL	JKPUKATIUN			www.jamesmonroewir	e.com
Description:			nposite Tray (all Foil & Drai		Date	: 11/16/2015
	Dry Water Braided S	Blocking Fil hield and Ov	lers and Tape erall PVC Ja	e cket	JM Part Number: Reference	: JM57522R1LC : TCCB09S-0JM-WB
equirements					NOM OD .646" (16mm)	
		Black PVC Jac	cket		Dry Water Blocking Barrier Tape	
		Braided Shi Foil Shi		3 2 7 4 6 5 1	Drain Wire	
omponents						[Diameter]
		Conductor:	sulated Conc 18 AWG, 16 .031 XLPE I	30 Tinned Coppe	er	.109"
Comp		Insulation:	18 AWG, 16 .031 XLPE I			.109"
Comp		12 AWG in: Conductor:	sulated cond	i/30 Tinned Coppe	0	.218" (major axis) .160"
Comp		18 AWG In Conductor:	sulated Conc	ductor 5/30 Tinned Coppe	ər	.175"
Comp		Conductor:	sulated cond 10 AWG, 10 .032 XLPE I	5/30 Tinned Cop	ber	.189"
				noulation		.105
verall Cable C	onstructi	on				.105
verall Cable C		Two A Con		e B Component,	One C Component, One to produce a round cable	D Component, One E Component
	Cabling:	Two A Con (Dry Water		e B Component, ers as necessary		D Component, One E Component
	Cabling: Separator:	Two A Con (Dry Water Dry Water	Blocking Fille Blocking Tap	e B Component, ers as necessary e		D Component, One E Component
s	Cabling: Separator: Shield:	Two A Con (Dry Water Dry Water I M/A Foil Sh	Blocking Fille Blocking Tap	e B Component, ers as necessary e t) + 18 AWG, 16/3	to produce a round cable	D Component, One E Component
s	Cabling: Separator: Shield: Id/Barrier:	Two A Com (Dry Water Dry Water M/A Foil Sh 34 TCBS 9	Blocking Fill Blocking Tap hield (Foil Ou 0% Coverage	e B Component, ers as necessary e t) + 18 AWG, 16/3	to produce a round cable 30 tinned copper drain wi	D Component, One E Component
S Shiel r <u>int</u>	Cabling: Separator: Shield: Id/Barrier: Jacket: E73202 3 (UL) TYP	Two A Con (Dry Water Dry Water I M/A Foil Sh 34 TCBS 9 .080" nomin /C 18AWG(.{	Blocking Fill Blocking Tap hield (Foil Ou 0% Coverage nal wall of Bla 324MM2)+1/F C DRY 75C V	e B Component, ers as necessary e t) + 18 AWG, 16/3 e ack PVC (FTJ) Pr PR 18AWG(.824M VET 600V SUN R	to produce a round cable 30 tinned copper drain wi essured to	D Component, One E Component) re .646" +/025" (16mm +/64mm) IM2)+1/C 10AWG(5.26MM2) UL 1277 OR
S Shiel r <u>int</u>	Cabling: Separator: Shield: Id/Barrier: Jacket: E73202 3 (UL) TYP c(UL) CIC Coi Coi Coi	Two A Com (Dry Water) Dry Water M/A Foil Sh 34 TCBS 9 .080" nomin /C 18AWG(.8 E TC-ER 900 C-TC FT4 1	Blocking Fille Blocking Tap hield (Foil Ou 0% Coverage nal wall of Bla 324MM2)+1/F C DRY 75C V LL41103 CS. 2. Blue 4. Pairs: 5. WH 7. Gray 3. Purple	e B Component, ers as necessary e t) + 18 AWG, 16/3 e ack PVC (FTJ) Pr PR 18AWG(.824N VET 600V SUN R A AWM I/II A/B 9	to produce a round cable 30 tinned copper drain wi essured to IM2)+1/C 12AWG(3.31M ES DIR BUR OIL RES II	D Component, One E Component) re .646" +/025" (16mm +/64mm) IM2)+1/C 10AWG(5.26MM2) UL 1277 OR
S Shiel <u>int</u> <u>Dior Code</u>	Cabling: Separator: Shield: Id/Barrier: Jacket: E73202 3 (UL) TYP c(UL) CIC Col Col Col Col	Two A Con (Dry Water Dry Water I M/A Foil Sh 34 TCBS 9 .080" nomin /C 18AWG(.8 E TC-ER 900 C-TC FT4 1 mponent A: mponent B: mponent D: mponent D: mponent E: Femperature: Voltage:	Blocking Fille Blocking Tap hield (Foil Ou 0% Coverage nal wall of Bla 24MM2)+1/f C DRY 75C V LL41103 CS/ 2. Blue 4. Pairs: 5. WH 7. Gray 3. Purple 1. Red 90°C / 75°C 600V	e B Component, ers as necessary e t) + 18 AWG, 16/3 e ack PVC (FTJ) Pr PR 18AWG(.824N VET 600V SUN R A AWM I/II A/B 9 Orange hite 6. Black	to produce a round cable 30 tinned copper drain wi essured to IM2)+1/C 12AWG(3.31M ES DIR BUR OIL RES II 0C 600V FT4 CE ROU als: UL Type TC-ER c(UL) Type CIC-TC FT UL AWM 2586	D Component, One E Component) re .646" +/025" (16mm +/64mm) IM2)+1/C 10AWG(5.26MM2) UL 1277 OR HS
S Shiel rint olor Code equirements equirements 3 Purple Wire: 18AWG Pair:	Cabling: Separator: Shield: Id/Barrier: Jacket: E73202 3 (UL) TYP c(UL) CIC Col Col Col Col Col Col Col Col Col Co	Two A Con (Dry Water Dry Water I M/A Foil Sh 34 TCBS 9 .080" nomin /C 18AWG(.8 E TC-ER 900 C-TC FT4 I mponent A: mponent B: mponent D: mponent D: mponent D: mponent E: Conductors: Conductors: ince 11pF/m) 15.5p 73.5pF/m) 28p 50.7pF/m) 19.5	Blocking Fille Blocking Tap hield (Foil Ou 0% Coverage nal wall of Bla CORY 75C V LL41103 CS. 2. Blue 4. Pairs: 5. WH 7. Gray 3. Purple 1. Red 90°C / 75°C 600V ASTM B33-04 F/ft MAX (CDR F/ft MAX (#5	e B Component, ers as necessary e t) + 18 AWG, 16/3 e ack PVC (FTJ) Pr PR 18AWG(.824N VET 600V SUN R A AWM I/II A/B 9 Orange hite 6. Black Approva 4 & X/CDR) X/SHLD) (#3 Purple White to #6 Black)	to produce a round cable 30 tinned copper drain wi essured to IM2)+1/C 12AWG(3.31M ES DIR BUR OIL RES II 0C 600V FT4 CE ROU als: UL Type TC-ER c(UL) Type CIC-TC FT UL AWM 2586 CSA AWM FT4 CE-LVD and RoHS Co to [#7 Gray + Drain])	D Component, One E Component) re .646" +/025" (16mm +/64mm) IM2)+1/C 10AWG(5.26MM2) UL 1277 OR HS
S Shiel rint olor Code equirements 3 Purple Wire: 18AWG Pair:	Cabling: Separator: Shield: Id/Barrier: Jacket: E73202 3 (UL) TYP c(UL) CIC Con Con Con Con Con Con Con Con Con Co	Two A Com (Dry Water Dry Water I M/A Foil Sh 34 TCBS 9 .080" nomin /C 18AWG(.8 E TC-ER 900 C-TC FT4 I mponent B: mponent B: mponent B: mponent B: mponent B: mponent B: mponent E: Conductors: Conductors: nce 11pF/m) 15.5p 73.5pF/m) 28p 50.7pF/m) 19.5 socitance values	Blocking Fille Blocking Tap hield (Foil Ou 0% Coverage nal wall of Bla 24MM2)+1/F C DRY 75C V LL41103 CS 2. Blue 4. Pairs: 5. Wh 7. Gray 3. Purple 1. Red 90°C / 75°C 600V ASTM B33-04 F/ft MAX (CDF F/ft MAX (CDF F/ft MAX (CDF F/ft MAX (CDF	e B Component, ers as necessary e t) + 18 AWG, 16/3 e ack PVC (FTJ) Pr PR 18AWG(.824N VET 600V SUN R A AWM I/II A/B 9 Orange hite 6. Black Approva 4 X/CDR) X/SHLD) (#3 Purple White to #6 Black) e to be adjusted bas	to produce a round cable 30 tinned copper drain wi essured to MM2)+1/C 12AWG(3.31M ES DIR BUR OIL RES II 0C 600V FT4 CE ROI als: UL Type TC-ER c(UL) Type CIC-TC FT UL AWM 2586 CSA AWM FT4 CE-LVD and RoHS Co	D Component, One E Component) re .646" +/025" (16mm +/64mm) IM2)+1/C 10AWG(5.26MM2) UL 1277 OR HS
S Shiel rint olor Code equirements 3 Purple Wire: 18AWG Pair: 18AWG Pair:	Cabling: Separator: Shield: Id/Barrier: Jacket: E73202 3 (UL) TYP c(UL) CIC Col Col Col Col Col Col Col Col Col Co	Two A Com (Dry Water Dry Water M/A Foil Sh 34 TCBS 9 .080" nomin /C 18AWG(.8 E TC-ER 900 C-TC FT4 mponent A: mponent B: mponent B: mponent D: mponent D: mponent E: Femperature: Voltage: Conductors: ince 11/16/2015	Blocking Fille Blocking Tap hield (Foil Ou 0% Coverage nal wall of Bla 2 24MM2)+1/F C DRY 75C V LL41103 CS 2. Blue 4. Pairs: 5. Wh 7. Gray 3. Purple 1. Red 90°C / 75°C 600V ASTM B33-04 F/ft MAX (CDR F/ft MAX (CDR F) (ft MAX (CDR F) (ft MAX (CDR F) (ft MAX (CDR F) (ft MAX	e B Component, ers as necessary e t) + 18 AWG, 16/3 e ack PVC (FTJ) Pr PR 18AWG(.824N VET 600V SUN R A AWM I/II A/B 9 Orange hite 6. Black Approva 4 R/CDR) R/SHLD) (#3 Purple White to #6 Black) e to be adjusted bas nitial Issue	to produce a round cable 30 tinned copper drain wi essured to MM2)+1/C 12AWG(3.31M ES DIR BUR OIL RES II 0C 600V FT4 CE ROI als: UL Type TC-ER c(UL) Type CIC-TC FT UL AWM 2586 CSA AWM FT4 CE-LVD and RoHS Co to [#7 Gray + Drain]) sed on capacitance testing o	D Component, One E Component) re .646" +/025" (16mm +/64mm) IM2)+1/C 10AWG(5.26MM2) UL 1277 OR HS
S Shiel rint olor Code equirements 43 Purple Wire: 18AWG Pair: 18AWG Pair: 18AWG Pair:	Cabling: Separator: Shield: Id/Barrier: Jacket: E73202 3 (UL) TYP c(UL) CIC Con Con Con Con Con Con Con Con Con Co	Two A Con (Dry Water Dry Water I M/A Foil Sh 34 TCBS 9 .080" nomin /C 18AWG(.8 E TC-ER 900 :-TC FT4 mponent A: mponent B: mponent B: mponent B: mponent C: mponent D: mponent E: Conductors: Conductors: Conductors: nce 11/16/2015 11/17/2015	Blocking Fille Blocking Tap hield (Foil Ou 0% Coverage hal wall of Bla CORY 75C V LL41103 CS 2. Blue 4. Pairs: 5. Wh 7. Gray 3. Purple 1. Red 90°C / 75°C 600V ASTM B33-04 F/ft MAX (CDR F/ft MAX (CDR F/ft MAX (CDR F)/ft MAX (#5 s and tolerance Rev. 0 III Rev 01 A	e B Component, ers as necessary e t) + 18 AWG, 16/3 e ack PVC (FTJ) Pr PR 18AWG(.824M VET 600V SUN R A AWM I/II A/B 9 Orange hite 6. Black Approva 4 R/CDR) R/SHLD) (#3 Purple White to #6 Black) e to be adjusted bas nitial Issue Added NOM OD for "C	to produce a round cable 30 tinned copper drain wi essured to IM2)+1/C 12AWG(3.31M ES DIR BUR OIL RES II 0C 600V FT4 CE ROU als: UL Type TC-ER c(UL) Type CIC-TC FT UL AWM 2586 CSA AWM FT4 CE-LVD and RoHS Co to [#7 Gray + Drain])	D Component, One E Component) re .646" +/025" (16mm +/64mm) IM2)+1/C 10AWG(5.26MM2) UL 1277 OR HS
Shiel rint Solor Code Cequirements #3 Purple Wire: 18AWG Pair: Written By:	Cabling: Separator: Shield: Id/Barrier: Jacket: E73202 3 (UL) TYP c(UL) CIC Col Col Col Col Col Col Col Col Col Co	Two A Com (Dry Water Dry Water M/A Foil Sh 34 TCBS 9 .080" nomin /C 18AWG(.8 E TC-ER 900 C-TC FT4 mponent A: mponent B: mponent B: mponent D: mponent D: mponent E: Femperature: Voltage: Conductors: ince 11/16/2015	Blocking Fille Blocking Tap hield (Foil Ou 0% Coverage nal wall of Bla 24MM2)+1/f C DRY 75C V LL41103 CS 2. Blue 4. Pairs: 5. Wh 7. Gray 3. Purple 1. Red 90°C / 75°C 600V ASTM B33-04 F/ft MAX (CDR F/ft MAX (CDR F/ft MAX (CDR F/ft MAX (CDR F)/ft MAX (CDR F)/ft MAX (CDR F)/ft MAX (CDR F)/ft M	e B Component, ers as necessary e t) + 18 AWG, 16/3 e ack PVC (FTJ) Pr PR 18AWG(.824M VET 600V SUN R A AWM I/II A/B 9 Orange hite 6. Black Approva 4 R/CDR) R/SHLD) (#3 Purple White to #6 Black) e to be adjusted bas nitial Issue Added NOM OD for "C	to produce a round cable 30 tinned copper drain wi essured to MM2)+1/C 12AWG(3.31M ES DIR BUR OIL RES II 0C 600V FT4 CE ROI als: UL Type TC-ER c(UL) Type CIC-TC FT UL AWM 2586 CSA AWM FT4 CE-LVD and RoHS Co to [#7 Gray + Drain]) sed on capacitance testing of " and Corrected NOM OD for "E C. Removed 1 Comp. B. Revis	D Component, One E Component) re .646" +/025" (16mm +/64mm) IM2)+1/C 10AWG(5.26MM2) UL 1277 OR HS

Revised By: jrt 11/24/2015 Rev 05 Update component descriptions A-D to general notation for cabling notes					
	Revised Bv:	jrt	11/24/2015	Rev 05	Update component descriptions A-D to general notation for cabling notes