ORDER GUIDE - SIGNATURE SERIES
SS-FSM | FULL SPECTRUM

NOVA FLEX®

c(UL)us
LISTED
E366167

CLOSET RATED

ORDER CODE BUILDER:

Series	Family	Voltage	Wattage	Environment	Kelvin	Length	Cut Point	Type	Wire In	Wire In Length	Wire Out	Wire Out Length
SS	FSM	24				XX						
			3.0	DRY	32		- Length in inches					
			5.0	DMP	57							
			6.0									
						SFXXX	A	CLW	BE	inches	BE	inches
						DFXXX	B	CLB	BM		BF	
								PLN	NA		NA	

Assembly Builder[2]
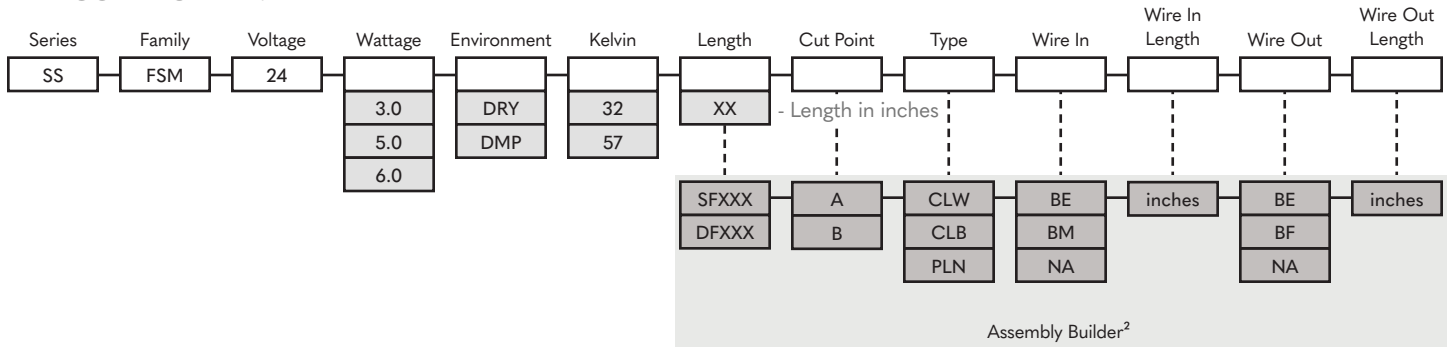
EXAMPLE ORDER CODE: SS-FSM-24-3.0-DRY-32-SF90-A-CLW-BE-60-BE-5

Notes:
1. Tolerances are +/- 5%
2. For continuous links consult the factory
3. Values are minimums

LENGTH - AS AN ASSEMBLY
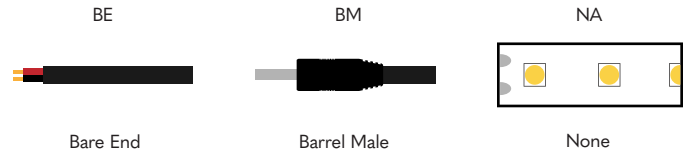For continuous links consult the factory
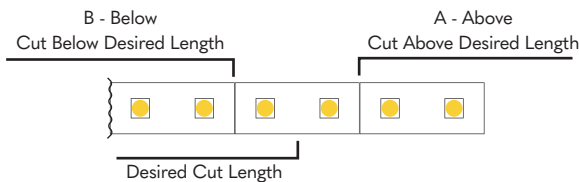
SFXXX

Single Fed - Length in Inches - 3 digits

DFXXX
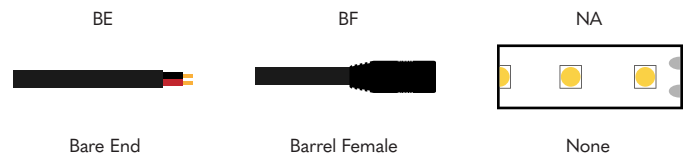
Double Fed - Length in Inches - 3 digits

WIRE IN

BE

Bare End

BM

Barrel Male

NA

None

CUT POINT
If desired strip length is not possible, should the factory cut above or below your desired length:

B - Below
Cut Below Desired Length

A - Above
Cut Above Desired Length

Desired Cut Length

WIRE OUT

BE

Bare End

BF

Barrel Female

NA

None

WIRE TYPE
Wire environment will match Linear environment

CLW	Class 2 White
CLB	Class 2 Black
PLN	Plenum

PROJECT	FIXTURE	PHASE	DATE

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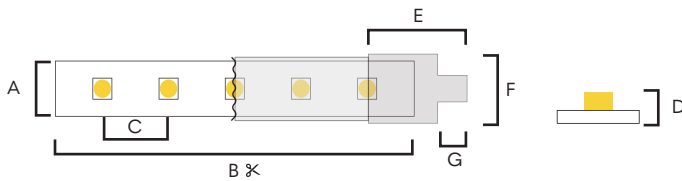
ORDER GUIDE - TECHNICAL INFO
SS-FSM

NOVA*FLEX®

Notes:
1. Tolerances are +/- 5%
2. For continuous links consult the factory
3. Values are minimums

KELVIN

CCT	3.0W	5.0W	6.0W	CRI Ra[3]	CRI R9[3]	TM30 Rf[3]	TM30 Rg[3]
	Lumens/Ft[1] DRY Environment			All Wattages			
3200K	285	442	409	95	97	92	98
5700K	301	552	473	93	90	90	97

ENVIRONMENT AND DIMENSIONS

Section	Dry	Damp
A	10mm	12.1mm
B ✂	50mm	50mm
C	8.3mm	8.2mm
D	1.85mm	3.80mm
E	-	8.14mm
F	-	14.2mm
G	-	3.18mm

PHYSICAL

Environment	Dry (Indoor only) Damp (Dust/splash proof)	
IP Rating	Tested at IP20, IP67	
Operating Temp	-13° to 158°F (-25° to 70°C)	
Cut Length	1.31" (33.3 mm)	
Min. Bend Diameter	Dry: 1.18" Inches (3 cm) Damp: 1.97" Inches (5 cm)	
Max Run	3.0W	32' Feet (9.75 m)
	5.0W	19.2' Feet (5.85 m)
	6.0W	16.0' Feet (4.87 m)

ELECTRICAL

Voltage	24V - Dimmable
Wire Size (minimum)	20 AWG. 2 Conductor
Lumen Maintenance	50,000 Hrs
Warranty	Dry: 5 Years Damp: 5 years
CCT Binning	< 2-step MacAdam
Certifications	cULus	Closet Rated

PROJECT	FIXTURE	PHASE	DATE

CHANNEL - COMPATIBILITY
SIGNATURE SERIES

NOVA FLEX®

IP RATING
DRY Dry DMP Damp

BODY COLOR
SLV Silver BLK Black WHT White

LENS TYPE
CLR Clear SFT Soft BLK Black SLD Solid

See each channel's order guide for Channel order code

SURFACE

1707 DRY

Not Compatible with SS-TWH Linear Product

SLV
BLK
WHT *

1707 | 1707-30° | 1707-60°

0.48" / 0.69" / 0.28" — 110°
0.48" / 0.69" / 0.47" — 30°
0.48" / 0.69" / 0.47" — 60°

CLR
30° CLR
60° CLR
SFT
BLK *
SLD

3525 DRY DMP

SLV
BLK *
WHT *

1.22" / 0.99" / 1.38" — 70°

CLR
SFT
BLK *

SURFACE

1813 DRY DMP

SLV
BLK
WHT *

0.59" / 0.73" / 0.45" — 85°

CLR
SFT
BLK *
SLD *

RECESSED

2515 DRY

SLV
BLK *
WHT *

0.91" / 0.49" / 0.69" / 0.55" / 0.58" — 60°

CLR
SFT
BLK *
SLD *

4540 DRY DMP

SLV
BLK *
WHT *

1.74" / 1.21" / 1.58" / 1.38" — 50°

SFT
BLK *

For two-strip configurations, contact Nova Flex

ANGLED

1919U DRY DMP

SLV
BLK *
WHT *

0.56" / 0.72" / 0.72" — 70°

CLR
SFT
BLK *

For DMP configurations, contact Nova Flex

3030 SQ | **3030 CR** DRY DMP

SLV
BLK
WHT *

SQ | CR
CR 0.85" / 1.19" / 1.19" — 120°

CLR * | CLR
SFT | SFT
BLK * | BLK *

BENDABLE

3916 DRY DMP

SLV
BLK *
WHT *

1.22" / 0.63" / 1.53" — 120°

CLR
SFT
BLK *
SLD *

For two-strip configurations, contact NovaFlex

1806 DRY

Not Compatible with SS-TWH Linear Product

SLV
BLK *
WHT *

0.56" / 0.70" / 0.16" — 130°

CLR
SFT
BLK *
SLD

For DRY configurations, contact Nova Flex

*Lead time for this configuration is 7-10 weeks
Nova Flex LED LLC retains the right to modify the design of our products at any time as part of the company's continual product improvement program

PROJECT | FIXTURE | PHASE | DATE

CHANNEL - COMPATIBILITY
SIGNATURE SERIES

NOVA FLEX®

IP RATING
DRY Dry **DMP** Wet

BODY COLOR
SLV Silver **BLK** Black **WHT** White

LENS TYPE
CLR Clear **SFT** Soft **BLK** Black **SLD** Solid

See each channel's order guide for Channel order code

UNIVERSAL

3560 | **DRY** **DMP**

SLV *
BLK
WHT

Bottom
Middle
Top

2.36"
1.38"

SFT
BLK *
SLD

For two-strip configurations, contact Nova Flex

2217 | **DRY** **DMP**

SLV
BLK *
WHT *

0.71"
0.68"
0.89"
102°

CLR
SFT
BLK *

MUD-IN

6214 | **DRY** **DMP**

SLV
BLK *
WHT *

2.42"
0.81"
0.55"
1.13"
120°

CLR
SFT
BLK *
SLD

CHANNELESS

2913 | **DRY** **DMP**

0.56"
0.55"
1.10"
175°

SFT

SUSPENDED

3030 RN | **DRY** **DMP**

SLV
BLK *
WHT *

0.83"
1.18"
1.18"
250°

SFT
BLK *

*Lead time for this configuration is 7-10 weeks
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PROJECT	FIXTURE	PHASE	DATE

COMPATIBILITY - POWER AND CONTROL
SS-FSM

NOVA FLEX®

Product Image	Product Code				Dimensions and Description	Compatible
	Series NF-PS / **Wattage** 35W / **Voltage** 24V / **Type** HW — 35W Non-DIM Driver (Static)				Output Current: 1.5A Input Voltage: 90 - 246 VAC UL8750, Class 2, Type HL, FCC	☀
	Series NF-PS / **Wattage** 60W / **Voltage** 24V / **Type** HW — 60W Non-DIM Driver (Static)				Output Current: 2.5A Input Voltage: 90 - 246 VAC UL8750, Class 2, Type HL, FCC	☀
	Series NF / **Type** A / **Application** UNV — Universal Amplifier (Dynamic)				Input Voltage: 12 - 36V DC Input Signal: PWM Max Load Current: 20A (5A/4CH) Max Output Power: 240 - 720W	☀
	Series NF-PS / **Type** L3DO / **Wattage** 96W / **Voltage** 24V — 96W Lutron (Dynamic)				Output Current: 4.0A Input Voltage: 120-277VAC UL8750, CSA250.13-14, Class 2	☀
	Series NF / **Type** WC / **Wattage** MINI / **Voltage** DRGB — Mini DRGB Dimmer (Dynamic)				Output: SPI Zones: 1 Dimming Function: 0 - 100% Battery Operated: 3V (CR2032)	
	Series NF-PS / **Type** MAXX / **Wattage** 30W / **Voltage** 24V-0/10V — 30W DIM Driver (Dynamic)				Output Current: 1.25A Input Voltage: 100-277 VAC UL8750, Class 2, Type HL, FCC	☀
	Series NF-PS / **Type** MAXX / **Wattage** 288W / **Voltage** 24V-0/10V — 96W DIM Driver (Dynamic)				Output Current: 0.96A Max Input Voltage: 120-277 VAC UL8750, Class 2	☀
	Series NF / **Type** S3i / **Wattage** WR / **Type** 1009 — S3i Wireless Reciever (Dynamic)				Output Power: 240 - 720w Output Current: 4 CH. 5A/CH Input: 12 - 36V DC Dimming: 0 - 100%	☀
	Series NF / **Series** S3i / **Type** PB / **Type** RGB/W — S3i Push Controller - RGB/W (Dynamic)				Required to Pair: S3i-WR-1009 Zones: 1 Dimming Function: 0 - 100% and RGBW Color Battery Operated: 3V (CR2025)	
	Series NF / **Wattage** S3i / **Voltage** PB / **Type** AS — S3i Push Controller - Adjustable (Dynamic)				Required to Pair: S3i-WR-1009 Zones: 1 Dimming Function: 0 - 100% and Kelvin Temp Battery Operated: 3V (CR2025)	
	Series NF / **Wattage** S3i / **Voltage** PB / **Type** D — S3i Push Controller - Static DIM (Dynamic)				Required to Pair: S3i-WR-1009 Zones: 1 Dimming Function: 0 - 100% Battery Operated: 3V (CR2025)	☀

Product Image	Product Code				Dimensions and Description	Compatible
	Series	Wattage	Voltage	Type	Required to Pair: S3i-WR-1009 Zones: 6 Dimming Function: 0 - 100% and RGBW Color Battery Operated: 3 AAA	
	NF	S3i	WC	RGB/W		
	S3i Handheld Controller - RGB/W (Dynamic)					
	Series	Type	Wattage	Voltage	Required to Pair: S3i-WR-1009 Zones: 6 Dimming Function: 0 - 100% and Kelvin Temp Battery Operated: 3 AAA	
	NF	S3i	WC	AS		
	S3i Handheld Controller - Adjustable (Dynamic)					
	Series	Type	Wattage	Voltage	Required to Pair: S3i-WR-1009 Zones: 6 Dimming Function: 0 - 100% Battery Operated: 3 AAA	☀
	NF	S3i	WC	D		
	S3i Handheld Controller - Static DIM (Dynamic)					
	Series	Type	Wattage	Voltage	Required to Pair: S3i-WR-1009 Zones: 4 Power Consumption: 200 mA Dimming Function: 0 - 100% and RGB Color	
	NF	S3i	TP	RGB		
	S3i Touch Panel - RGB (Dynamic)					
	Series	Type	Wattage	Voltage	Required to Pair: S3i-WR-1009 Zones: 3 Power Consumption: 20 mA Dimming Function: 0 - 100% and RGBW Color	
	NF	S3i	TP	RGB/W		
	S3i Touch Panel - RGB/W (Dynamic)					
	Series	Type	Wattage	Voltage	Required to Pair: S3i-WR-1009 Zones: 3 Power Consumption: 200 mA Dimming Function: 0 - 100% and Kelvin Temp	
	NF	S3i	TP	AS		
	S3i Touch Panel - Adjustable (Dynamic)					
	Series	Type	Wattage	Voltage	Required to Pair: S3i-WR-1009 Zones: 4 Power Consumption: 200 mA Dimming Function: 0 - 100%	☀
	NF	S3i	TP	D		
	S3i Touch Panel - Static Dim (Dynamic)					
	Series	Type	Wattage	Voltage	Output Current: 5A x 4CH Input Voltage: 12 - 25 VDC UL8750, Class 2, Type HL, FCC	
	NF	DMX	5A	4CH		
	Universal DIM Decoder - DMX and/or 0-100 (Dynamic)					
	Series	Wattage	Voltage	Type	Output Signal: SPI Decoding Channels: 512 Input Voltage: 5 - 24 VDC UR and UL recognized component	
	NF	DMX	PIXEL	DECODER		
	DMX to S3i Decoder for Pixel (Dynamic)					
	Series	Type	Wattage	Voltage	Output Current: 0.5 A Input Voltage: 120 - 277 VAC UL8750, Class 2, Type HL, FCC	☀
	NF-PS	UNV	30W	24V		
	Universal DIM Power 30 Watts (Dynamic)					
	Series	Type	Wattage	Voltage	Output Current: 2.5A Input Voltage: 100-277 VAC UL8750, Class 2, Type HL, FCC	☀
	NF-PS	UNV	60W	24V		
	Universal DIM Power 60 Watts (Dynamic)					

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PROJECT   FIXTURE   PHASE   DATE

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Product Image	Product Code				Dimensions and Description	Compatible
	Series	Type	Wattage	Voltage	Output Current: 3.33 A	☀
	NF-PS	UNV	80W	24V	Input Voltage: 100-277 VAC	
	Universal DIM Power 80 Watts (Dynamic)				UL8750, Class 2, Type HL, FCC	
	Series	Type	Wattage	Voltage	Output Current: 4A	☀
	NF-PS	UNV	96W	24V	Input Voltage: 100-277 VAC	
	Universal DIM Power 96 Watts (Dynamic)				UL8750, Class 2, Type HL, FCC	
	Series	Type	Wattage	Voltage	Output Current: 3x4A	☀
	NF-PS	UNV	288W	24V	Input Voltage: 100-277 VAC	
	Universal DIM Power 288 Watts (Dynamic)				UL8750, Class 2, Type HL, FCC	
	Series	Type	Wattage	Voltage	Output Current: 4x4A	☀
	NF-PS	UNV	384W	24V	Input Voltage: 100-277 VAC	
	Universal Non-DIM Power 384 Watts (Dynamic)				UL8750, Class 2, Type HL, FCC	

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QUICK CONNECT

HARDWIRE TO FEMALE

Series		Family		Length
NF-C		F		10FT

Available Lengths: 10' ft

HARDWIRE TO MALE

Series		Family		Length
NF-C		M		10FT

Available Lengths: 10' ft

MALE TO FEMALE

Series		Family		Length
NF-C		MF		10FT

Available Lengths: 10' ft

Y CABLE

2 MALE, 1 FEMALE

Series		Family
NF-C		Y

Available Lengths: 20" in

4 MALE, 1 FEMALE

Series		Family		Type
NF-C		Y		4Y

Total Length: 20" in

8 MALE, 1 FEMALE

Series		Family		Type
NF-C		Y		8Y

Total Length: 17.25" in

QUICK CONNECT ADAPTER

HARDWIRE TO MALE

Series		Family
NF-C		M/HW

1.5" x 0.5" x 0.5" in

HARDWIRE TO FEMALE

Series		Family
NF-C		F/HW

1.5" x 0.5" x 0.5" in

WIRE BY FOOT

Series		Family		Environment		Conductors		Color		Length
NF-C		HH		DRY						
						2C		BK		
						3C		WT		
						4C				
						5C				

Available Lengths: 10' ft

CLIPS

HARD CLIPS - 20 PER PACK

Series		Family		Type
NF		CLIPS		H

1.125 x 0.25 in
Clips add 0.125" to height of lights

SOFT CLIPS - 20 PER PACK
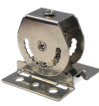
Series		Family		Type
NF		CLIPS		H

1.125 x 0.25 in
Clips add 0.125" to height of lights

HARDWARE*

UNIVERSAL ADJUSTABLE CLIP

Series		Family		Type
NF-CH		UNV		CLIPS/ADJ

1.13 x 1.00 in

*Contact manufacturer for compatibility.

PROJECT	FIXTURE	PHASE	DATE
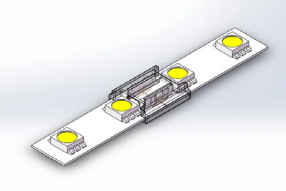
NOVA FLEX®

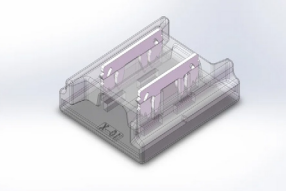## SMD CONNECTORS - 2 CONDUCTORS

DRY | SINGLE COLOR | 2 CONDUCTORS
10MM PCB WIDTH | STRIP TO STRIP
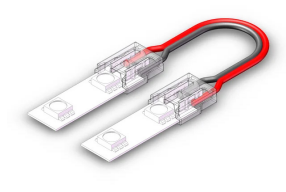
COMPATIBLE WITH:

SIGNATURE DRY: WHE, DTW, HDD, FSM

Series	Color	Type	Size	Environment	Conductors	Quantity
SMD	SLC	STS	10	DRY	2C	05

DRY | SINGLE COLOR | 2 CONDUCTORS
10MM PCB WIDTH | STRIP TO WIRE
CUSTOMER SUPPLIED WIRE
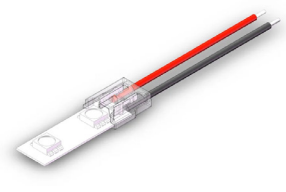
COMPATIBLE WITH:

SIGNATURE DRY: WHE, DTW, HDD, FSM

Series	Color	Type	Size	Environment	Conductors	Quantity
SMD	SLC	STW	10	DRY	2C	05

DRY | SINGLE COLOR | 2 CONDUCTORS
10MM PCB WIDTH | STRIP TO STRIP WITH
15CM WIRE IN THE MIDDLE

COMPATIBLE WITH:
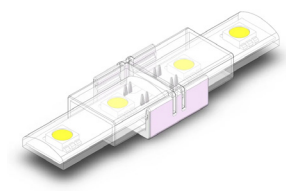
SIGNATURE DRY: WHE, DTW, HDD, FSM

Series	Color	Type	Size	Environment	Conductors	Quantity
SMD	SLC	J15	10	DRY	2C	05

DRY | SINGLE COLOR | 2 CONDUCTORS
10MM PCB WIDTH | POWER FEED WITH
15CM WIRE IN THE MIDDLE
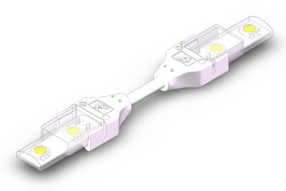
COMPATIBLE WITH:

SIGNATURE DRY: WHE, DTW, HDD, FSM

Series	Color	Type	Size	Environment	Conductors	Quantity
SMD	SLC	W15	10	DRY	2C	05

DRY/DAMP/WET | SINGLE COLOR
2 CONDUCTORS | 10MM PCB WIDTH
STRIP TO STRIP

COMPATIBLE WITH:

SIGNATURE DRY: WHE, DTW, HDD, FSM
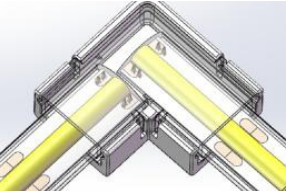
NFDS, NFPS: ALL SWH EXCEPT 6.6W, 5.9W

Series	Color	Type	Size	Environment	Conductors	Quantity
SMD	SLC	STS	10	DAW	2C	05

DRY/DAMP/WET | SINGLE COLOR
2 CONDUCTORS | 10MM PCB WIDTH
STRIP TO STRIP WITH 15CM WIRE

COMPATIBLE WITH:

SIGNATURE DRY: WHE, DTW, HDD, FSM

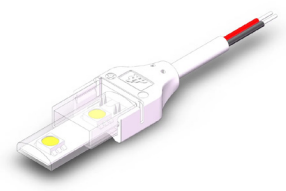NFDS, NFPS: ALL SWH EXCEPT 6.6W, 5.9W

Series	Color	Type	Size	Environment	Conductors	Quantity
SMD	SLC	J15	10	DAW	2C	05

DRY/DAMP/WET | SINGLE COLOR
2 CONDUCTORS | 10MM PCB WIDTH
STRIP TO STRIP L-TYPE

COMPATIBLE WITH:

SIGNATURE DRY: WHE, DTW, HDD, FSM

NFDS, NFPS: ALL SWH EXCEPT 6.6W, 5.9W

Series	Color	Type	Size	Environment	Conductors	Quantity
SMD	SLC	L90	10	DAW	2C	05

DRY/DAMP/WET | SINGLE COLOR
2 CONDUCTORS| 10MM PCB WIDTH
POWER FEED WITH 15CM WIRE

COMPATIBLE WITH:

SIGNATURE DRY: WHE, DTW, HDD, FSM

NFDS, NFPS: ALL SWH EXCEPT 6.6W, 5.9W

Series	Color	Type	Size	Environment	Conductors	Quantity
SMD	SLC	W15	10	DAW	2C	05

PROJECT   FIXTURE   PHASE   DATE
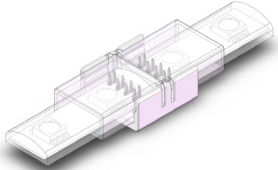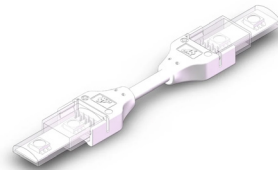
SMD CONNECTORS - 4 CONDUCTORS

DRY/DAMP/WET | RGB | 4 CONDUCTORS
10 MM PCB WIDTH | STRIP TO STRIP

COMPATIBLE WITH:

NFDS RGB

NFPS RGB

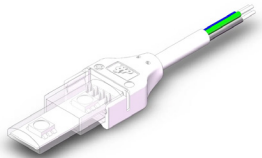| Series	Color	Type	Size	Environment	Conductors	Quantity
SMD	SLC	STS	10	DAW	4C	05

DRY/DAMP/WET | RGB | 4 CONDUCTORS
10MM PCB WIDTH | STRIP TO STRIP WITH
15CM WIRE IN THE MIDDLE

COMPATIBLE WITH:

NFDS RGB

NFPS RGB

Series	Color	Type	Size	Environment	Conductors	Quantity
SMD	SLC	J15	10	DAW	4C	05

DRY/DAMP/WET | RGB | 4 CONDUCTORS
10MM PCB WIDTH
POWER FEED WITH 15CM WIRE

COMPATIBLE WITH:

NFDS RGB

NFPS RGB

Series	Color	Type	Size	Environment	Conductors	Quantity
SMD	SLC	W15	10	DAW	4C	05

PROJECT   FIXTURE   PHASE   DATE