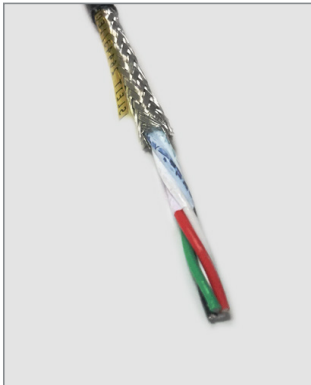


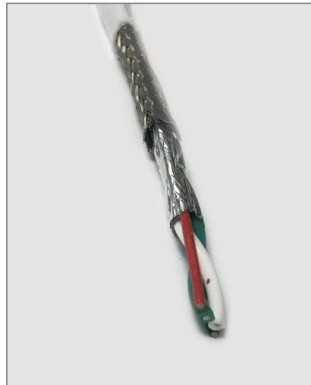
# USB Cable Offerings

## LIGHTWEIGHT MULTI-CONFIGURATION SOLUTION

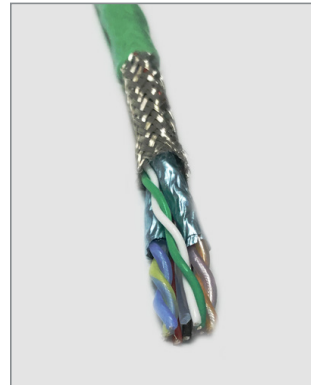
Carlisle Interconnect Technologies (CarlisleIT) USB 2.0 & 3.0 Cables provide light-weight, small diameter solutions for Aerospace USB connections. Popular configurations are shown below and many other options are available. In addition to the standard configurations, when a custom solution is required, CarlisleIT has experienced on-site engineering to design a cable to meet your needs. With over twenty years of experience building USB cables, CarlisleIT has proven solutions for the most demanding applications. Carlisle’s USB cables are part of our Maxflite™ series. Look to Carlisle to also meet the needs of other popular video and data bus protocols including: HDMI, DVI, Firewire and CAN bus.



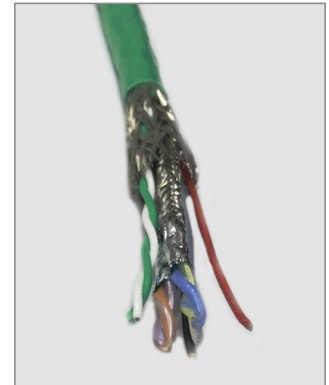
NF26/22USB(A)



1031-215A-22



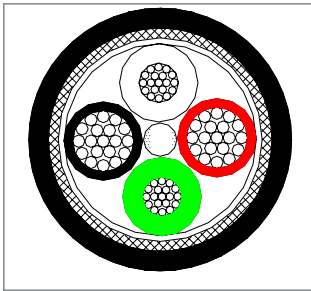
USB 3.0/24(AM) Aluminum & Foil



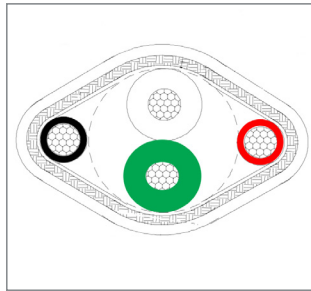
USB 3.0/24 Braid & Foil

## CROSS SECTION

### USB 2.0

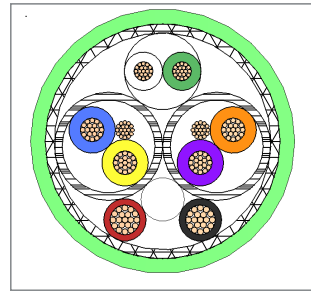


NF26/22USB(A)

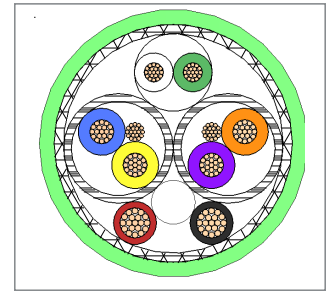


1031-215A-22

### USB 3.0



USB 3.0/24(AM)  
USB 3.0/26(AM)



USB 3.0/24  
USB 3.0/26

## FEATURES & BENEFITS

Feature	Customer Benefit
26, 24 AWG USB 2.0 & 3.0	Multiple configurations tailored to particular need of user of any application
USB 2.0: 40 Mbit/S USB 3.0: 5 Gbit/S	Meets aerospace speed performance requirements
As low as 19 lbs per thousand feet	Lightweight solution
Two versions of Aerospace Grade USB 3.0 Cable; fulfills the requirements of the USB 3.0 specification	Meets USB 3.0 requirements to 3m. Options with or without drain wires
Small diameter and flexible	Minimizes space within aircraft and ease of installation

# USB Cable Offerings

## SPECIFICATIONS & PERFORMANCE

		USB 2.0 (26/22 AWG)	USB 2.0 (24 AWG)		USB 3.0 (26 AWG)	USB 3.0 (24 AWG)		
PART NUMBER		NF26/22USB(A)	1031-215A-22		USB3.0/26 USB3.0/26(AM)	USB3.0/24 USB3.0/24(AM)		
IMPEDANCE (OHMS)		90	90		90	90		
VELOCITY OF PROPEGATION		70%	70%		70%	70%		
ATTENUATION	100 MHz	2.0 dB/5m	1.4 dB/5m	0.62 GHz	3.0 dB/3m	2.4 dB/3m		
	200 MHz	3.2 dB/5m	1.9 dB/5m	1.25 GHz	4.2 dB/3m	3.6 dB/3m		
	400 MHz	5.8 dB/5m	2.7 dB/5m	2.50 GHz	6.0 dB/3m	5.1 dB/3m		
	N/A	N/A	N/A	5.00 GHz	10.2 dB/3m	8.4 dB/3m		
	N/A	N/A	N/A	7.50 GHz	13.8 dB/3m	11.4 dB/3m		
					/26 (AM)	/26	/24 (AM)	/24
CABLE WEIGHT: LBS/1000 FT (KG/1000M)		19.0 (28.3)	29.0 (43.2)		49.0 (72.9)	50.0 (74.4)	60.0 (89.3)	61.2 (91.1)
CABLE DIAMETER IN. (MM)		0.13 (3.38)	0.2 (5.1)		0.24 (6.1)		0.27 (6.9)	
MIN. BEND RADIUS:IN. (MM)		1.3 (33.0)	2.0 (50.8)		2.4 (61.0)		2.7 (68.6)	
OPERATING TEMPERATURE		-55-150 °C	-55-150 °C		-55-150 °C		-55-150 °C	
OTHER		Meets FAR 25.853 and Boeing/Airbus Smoke and Toxicity	Meets FAR 25.853 and Boeing/Airbus Smoke and Toxicity		Meets FAR 25.853 and Boeing/Airbus Smoke and Toxicity		Meets FAR 25.853 and Boeing/Airbus Smoke and Toxicity	

### CONNECT WITH US TODAY

See CarlisleIT's line of **Wire & Cable** products at:  
[CarlisleIT.com/products/wire-cable](http://CarlisleIT.com/products/wire-cable)

**(+1) 904-494-0549**  
**Sales@CarlisleIT.com**