

## GENERAL DETAILS

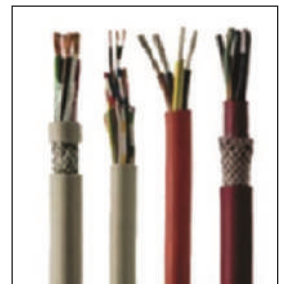
TYPE	CONDUCTOR COMBINATION		ANSIMC 96.1		IS 8784		IEC 60584-3	
			COLOUR CODE		COLOUR CODE		COLOUR CODE	
	+VE	-VE	+VE	-VE	+VE	-VE	+VE	-VE
Kx	Nickel-Chromium (Chromel)	Nickel-Aluminium (Alumel)	Yellow	Red	Red	Green	Green	White
Ex	Nickel-Chromium (Chromel)	Copper-Nickel (Constantan)	Purple	Red	Red	Violet	Violet	White
Tx	Copper	Copper-Nickel (Constantan)	Blue	Red	Red	Black	Brown	White
Jx	Iron	Copper-Nickel (Constantan)	White	Red	Red	Blue	Black	White
Rx / Sx	Copper	Copper-Nickel (Constantan)	Black	Red	Red	White	Orange	White

## MAXIMUM D.C LOOP RESISTANCE FOR THERMOCOUPLE CONDUCTORS AT 200C

CONDUCTOR SIZE						Ω/KM
	Kx	Ex	Tx	Jx	Rx / Sx	
16 AWG (1.29 mm)	746	905	385	475	110	
18 AWG (1.02 mm)	1210	1470	623	770	175	
20 AWG (0.81 mm)	1910	2311	980	1212	280	

## KEY FEATURES

1. Cables can be customised to meet customer requirements as per various national & international standards
2. These cables are similar to instrumentation cables except for the material used in conductor and these conductors have Similar 'emf' properties as the thermocouple used for sensing temperature



### Disclaimer:

- \* Parameters mentioned in the document are indicative and can vary subject to different standards
- \* Customizations are available on select products. Please indicate your interest by reaching out to the sales team

