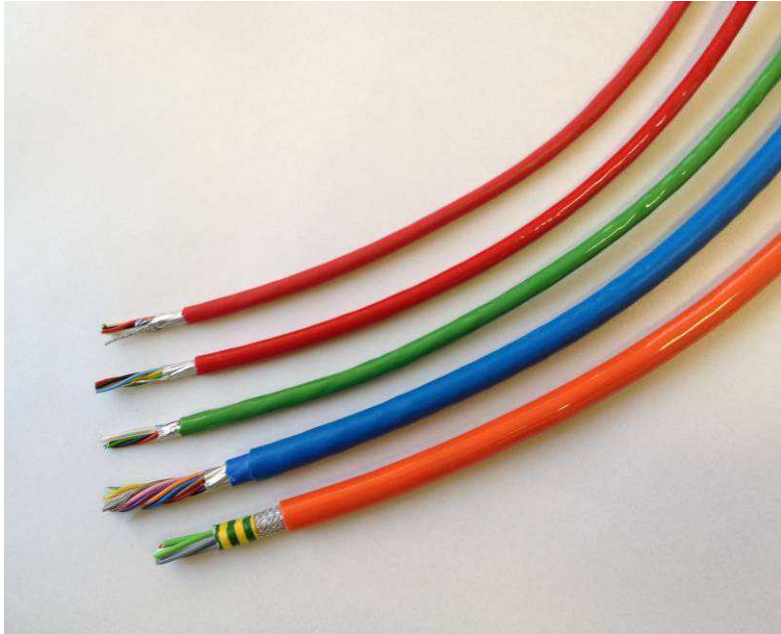


Cables



Applications

Instrumentation cables and multicore cables often represent the most delicate part of monitoring. Sometime they may also be an expensive part of the system.

Cable must be resistant to water, chemical liquids and sun exposure.

All the instrumentation cables and multicore cables supplied by OTR have adequate section allowing a correct signal transmission and they are guaranteed to be flame retardant.

Technical features

Instrumentation and multicore cables are designed to meet the characteristics of the signal of the connected instrument. Cable results to be an important and fundamental part of a monitoring system.

The robustness and durability in harsh environments are features to consider when installing instrumentation.

The model for relative piezometers is vented and provides barometrical compensation.

Benefits

Sheath (PUR), shielding and twisting couples make the series of cables produced by OTR suitable for use with vibrating wire sensors or with 4-20 mA, mV, mV / V outputs or with direct potentiometric sensors as well.

An inside Kevlar rope makes cables stretch resistant. Outer polyurethane sheat guarantees resistance to ultraviolet light, water and corrosive agents.

Cables with 2 to 6 twisted pairs allow you to group up to 6 vibrating wire instruments, up to 6 4-20 mA instruments, up to 3 inclinometers, or up to 6 resistive crackmeters.

The cable can be placed inside a corrugated sheath to give, in harsh environments, additional protection


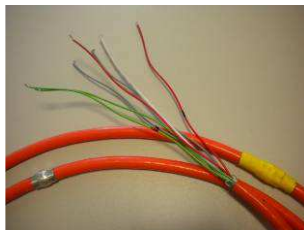
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Technical specifications

Cables	Code OCABLE20200	Code OCABLE30200	Code OCABLE20201
			
Description	2 twisted pairs	3 twisted pairs	2 twisted pairs + Capillary
Conductors	4	6	4 (*)
Section conductors	0.25 mm ²	0.25 mm ²	0.25 mm ²
Single conductor	Tinned copper	Tinned copper	Tinned copper
Protective sheath	Double shealt PVC and Polythene	Double shealt PVC and Polythene	polyurethane
Internal shield	Mylar	Mylar	Mylar
Internal reinforcement	/	Kevlar rope	Kevlar rope
External Diameter	6 mm	8 mm	8 mm
Colors	Red-Black-Green-White	Red-Black-Green-White-Blue-Yellow	Red-Black-Green-White
(*) Capillary barometric Φ int. 1 mm			

Multicore Cable Code OCABLE60200		Inclinometric Cable Code OCABLEINCLI	
			
Description	6 twisted pairs	Description	Inclinometer cable
Conductors	12	Conductors	6
Section conductors	0.35 mm ²	Section conductors	0.50 mm ²
Single conductor	Tinned copper	Single conductor	Tinned copper
Protective sheath	Double shealt PVC and Polythene	Protective sheath	Polyurethane (Orange color)
Internal shield	Mylar	Internal shield	Stainless steel torsion
Internal reinforcement	Kevlar rope	Internal reinforcement	Soul Steel Φ 2.5 mm
External Diameter	12 mm	External Diameter	10 mm
Colors	Red-Black-Green-White-Blue-Yellow Purple-Pink-Brown-Grey-Orange..	Measurement notches	Crimped tinned copper every 50 cm or 24 "(optional)
		Tensile strength	~ 600 Kg

All product technical specifications are subject to change without notice.