

# #5212 - CW 1128 / CW1198 5x2x0.5 100m Reel

**Part NO:** #5212

**Product Code:** RGW-1863

## Product Description

### Application:

For communication and Telephone systems.

Multi-construction

5 Pairs (10Cores)

### Construction

#### Conductor

**Bare Copper**

AWG

24

Construction

0.496±0.01

#### Insulation

**Gas Injected PE**

Thickness(mm)

0.2

Insulation Dia.(mm)

0.9±0.05×2C Twist

Insulation Color

See the table 1

#### Construction

Each pair is twisted , Unshielded.

#### Jelly Filled

#### Mylar spiral

≥115%

#### Color Binder spiral

#### Inner Jacket

**PE**

Thickness(mm)

1.0

Dia.(mm)

7.8±0.25

Jacket Color

Black

#### Armoured

**Galvanised Steel Wire**

Construction

0.9±0.02x30±3

#### Outer Jacket

**PE**

Thickness(mm)

1.2

Dia.(mm)

12.6±0.40

Outer Jacket Color

Black

#### Marking

According to customer

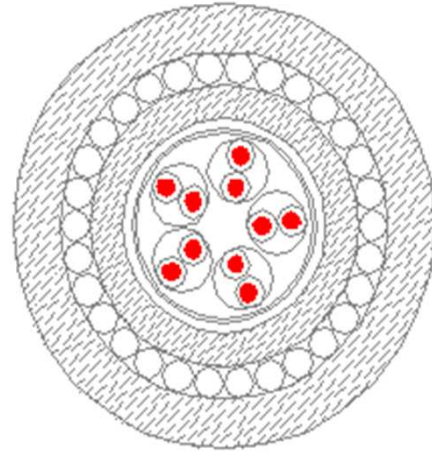
#### PACKAGING

1000M/Wooden Drum

#### Revision History

A0-1

## Design



### Electrical Characteristics

Max.Conductor DC Resistance at 20°C ( Ω /Km)	<96.5
Rated Temperature(°C)	80
Operating voltage(V)	<100
Test Voltage(V)	240
Min.Insulation DC Resistance at 20°C ( G Ω *KM)	1.5
Mutual capacitance (at 800Hz) (nF/KM)	<64
Pair-to pair capacitance unbalance (at 800Hz)(pF/5	275

**Table 1**

Pair NO:	Color		Lay Length (mm)
	A	B	
1	WHITE	BLUE	62
2	WHITE	ORANGE	65
3	WHITE	GREEN	68
4	WHITE	BROWN	72
5	WHITE	GREY	75

### RoHS GUIDELINE

We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls(PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MC	

**Date:** 2013-01-30

**Page:** 1 / 1