

Tape Conductors



Bare Copper

Code No.	Size (mm)	Size (mm ²)	Coil Size (m)	Weight (kg/m)
COBCT 203	20x3	60	100	0.55
COBCT 252	25x2	50	100	0.45
COBCT 253	25x3	75	100	0.67
COBCT 254	25x4	100	100	0.90
COBCT 256	25x6	150	25	1.34
COBCT 303	30x3	90	50	0.81
COBCT 304	30x4	120	50	1.07
COBCT 305	30x5	150	50	1.34
COBCT 324	32x4	128	50	1.15
COBCT 404	40x4	160	50	1.44
COBCT 405	40x5	200	25	1.78
COBCT 406	40x6	240	25	2.15
COBCT 503	50x3	150	20	1.34
COBCT 505	50x5	250	20	2.60
COBCT 506	50x6	300	20	2.68



Test Certificate
IEC 62561 Part 2



Material
Copper - BS EN 13601



Application
Suitable for grounding and lightning protection



Tinned Copper

Code No.	Size (mm)	Size (mm ²)	Coil Size (m)	Weight (kg/m)
COBCT 203T	20x3	60	100	0.55
COBCT 252T	25x2	50	100	0.45
COBCT 253T	25x3	75	100	0.67
COBCT 254T	25x4	100	100	0.90
COBCT 256T	25x6	150	25	1.34
COBCT 303T	30x3	90	50	0.81
COBCT 304T	30x4	120	50	1.08
COBCT 305T	30x5	150	50	1.34
COBCT 324T	32x4	128	50	1.15
COBCT 404T	40x4	160	50	1.43
COBCT 405T	40x5	200	25	1.79
COBCT 406T	40x6	240	25	2.15
COBCT 503T	50x3	150	20	1.34
COBCT 505T	50x5	250	20	2.24
COBCT 506T	50x6	300	20	2.68



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Material
Tin Plated Copper - BS EN 13601



Application
Suitable for grounding and lightning protection in high corrosion resistance area.



Bare Aluminium

Code No.	Size (mm)	Size (mm ²)	Coil Size (m)	Weight (kg/m)
COBAT 253	25x3	75	50	0.20
COBAT 254	25x4	100	50	0.27
COBAT 256	25x6	150	50	0.41



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Material
Aluminium - BS 2898



Application
Suitable for installation on metal roof in lightning protection

Tape Conductors

Galvanized Steel Tape is made of special steel with low resistivity. The electrical resistivity is less than $0.15 \mu\Omega\text{m}$ and, tensile strength is less than 490 N/mm^2

Galvanized Steel Tape



Code No.	Size (mm)	Size (mm ²)	Coil Size (m)	Weight (kg/m)
COBGAT 203	20x3	60	50	0.47
COBGAT 3035	30x3.5	105	25	0.83



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Material
Hot-Dip Galvanized Steel

Stainless Steel Tape is made of stainless steel with a chromium $\geq 16\%$, nickel $\geq 8\%$, molybdenum $\geq 2\%$ and carbon $\leq 0.07\%$. The electrical resistivity is less than $0.8 \mu\Omega\text{m}$

Stainless Steel Tape



Code No.	Grade	Size (mm)	Size (mm)	Coil Size (m)	Weight (kg/m)
COTSS316L-303.5	316L	30x3.5	105	50	0.84



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Material
Stainless Steel - 316L

Tape Conductors



Copper with PVC

Code No.	Size (mm)	Coil Size (m)	Weight (kg/m)
COBCT 253P	25x3	50	0.77
COBCT 256P	25x6	25	1.53
COBCT 253P-LSHF	25x3	50	0.77
COBCT 256P-LSHF	25x6	25	1.53



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Material
High conductivity copper - BS EN 13601
Green PVC cover with low smoke halogen free (LSHF)



Application
Suitable for down conductor in lightning protection



Aluminium with PVC

Code No.	Size (mm)	Coil Size (m)	Weight (kg/m)
COBAT 253P	25x3	50	0.30
COBAT 254P	25x4	50	0.36
COBAT 253P-LSHF	25x3	50	0.30
COBAT 254P-LSHF	25x4	50	0.36



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Material
Aluminium tape - BS 2898
Green PVC cover with low smoke halogen free (LSHF)



Application
Suitable for down conductor in lightning protection



Copper with Lead

Code No.	Size (mm)	Coil Size (m)	Lead-Cover Thickness (m)	Weight (kg/m)
COBCTL 253	25x3	25	2	2.06
COBCTL 506	50x6	20	2	5.40



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Material
Copper with Lead
(Copper - BS EN 13601)



Application
Suitable for high corrosion area



Tinned Copper with Lead

Code No.	Size (mm)	Coil Size (m)	Lead-Cover Thickness (m)	Weight (kg/m)
COBCTL 506T	50x6	25	2	5.40



Test Certificate
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Material
Tinned Copper with Lead
(Copper - BS EN 13601)



Application
Suitable for high corrosion area especially high salty or acidity