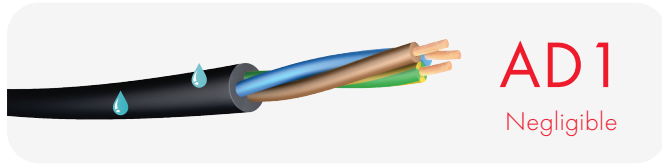


# Water Resistant Cables

## Types and Classification

**AD1 PROTECTION: Negligible**

the probability of presence in water is negligible.

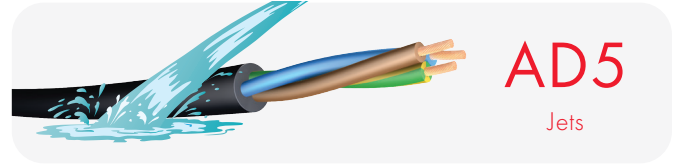


Location in which the walls do not generally show traces of water, but can appear in small periods, for example, in the form of steam and which dries quickly thanks to good ventilation.

Wiring Regs Location reference: IPX0

**AD5 PROTECTION: Jets**

Possibility of water jets in any direction

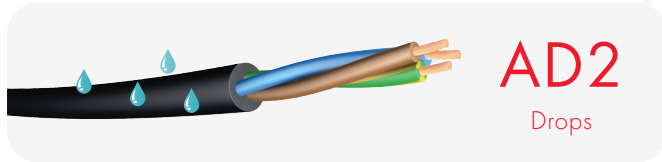


Locations where hose water is regularly used such as car washes and patios.

Wiring Regs Location reference: IPX5

**AD2 PROTECTION: Drops**

Possibility of vertical drops of water falling

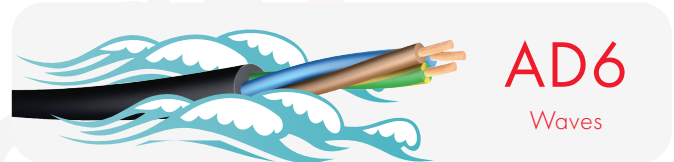


Location in which water vapour occasionally condenses as water drops or when steam may occasionally be present.

Wiring Regs Location reference: IPX1 or IPX2

**AD6 PROTECTION: Waves**

Possibility of water waves

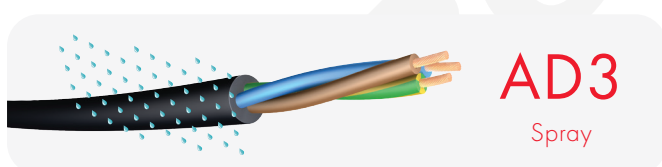


Seashore locations such as piers, beaches and quays

Wiring Regs Location reference: IPX6

**AD3 PROTECTION: Spray**

Possibility of water droplets falling at an angle of more than 60° to the vertical.

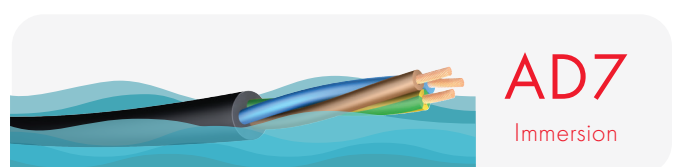


Location in which sprayed water appears as a continuous film on the walls and/or floors.

Wiring Regs Location reference: IPX3

**AD7 PROTECTION: Immersion**

Possibility of intermittent, partial or total flooding by water

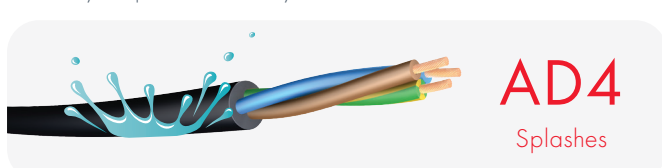


Locations susceptible to flooding and/or equipment is immersed. The water can reach up to 150mm above the highest point of the equipment, with the lowest part not more than one metre below the surface of the water.

Wiring Regs Location reference: IPX7

**AD4 PROTECTION: Splashes**

Possibility of splashes from any direction

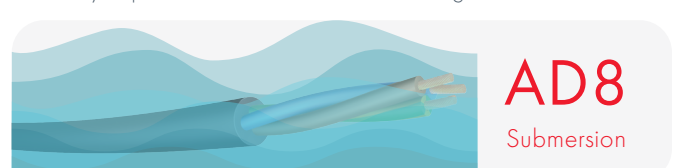


Location where the equipment may be subject to splashed water; applies to certain luminaires and construction site equipment.

Wiring Regs Location reference: IPX4

**AD8 PROTECTION: Submersion**

Possibility of permanent and total water flooding



Locations such as swimming pools where the electrical equipment is permanently totally covered with water.

Wiring Regs Location reference: IPX8